



Jungle Gems™

Crystal Glaze

MID-RANGE & HIGH-FIRE GLAZES

CONE 5-10 / 1196°C-1305°C / 2185°F-2381°F





Jungle Gems™ Crystal Glaze



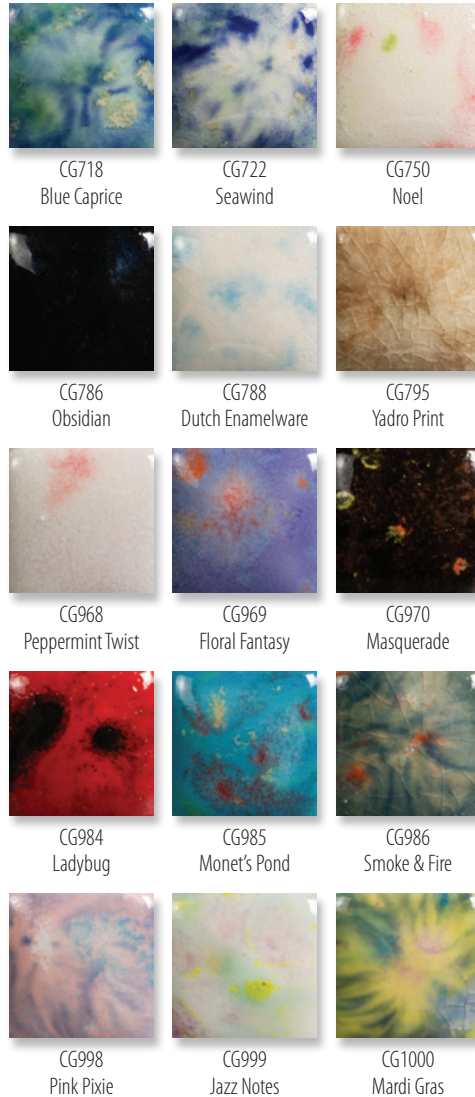
**If stoneware clay body is fired to maturity and surface texture is not present. See page 5 for more info.*

MID-RANGE & HIGH-FIRE (CONE 5-10 / 1196°C-1305°C / 2185°F-2381°F)

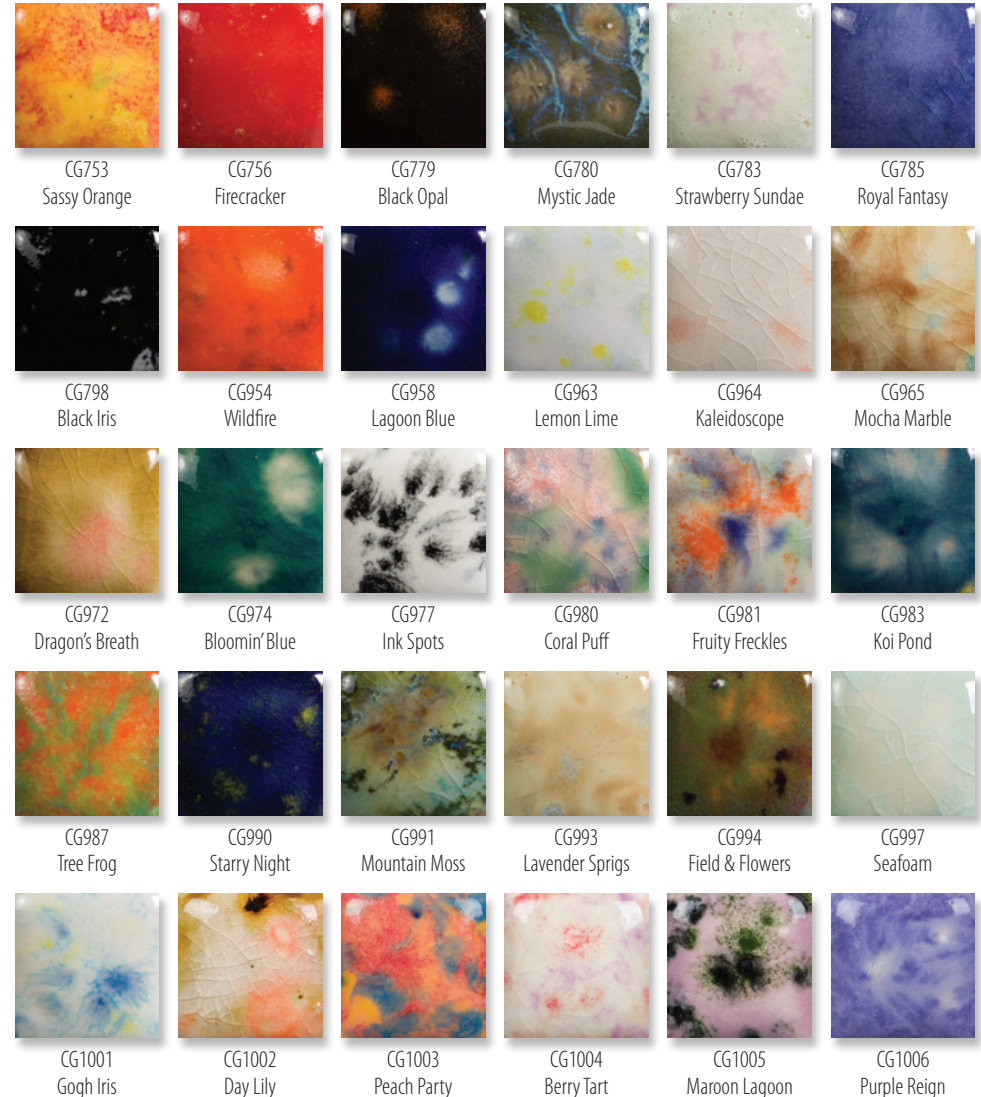
Mayco's Jungle Gems™ Crystal Glazes transform in the kiln when the small pieces of frit burst into color and intricate patterns during the mid-range or higher temperature firings. Artists use these beautiful glazes to add dramatic, colorful effects to their creations on wet clay, greenware, or soft fired bisque. Jungle Gems™ can be used alone

or in combination with other glazes such as Stoneware glazes, Fundamentals® Underglazes and more. While initially developed for low-fire, many Jungle Gems™ colors perform well at higher temperatures. We recommend testing at your preferred firing temperature prior to use.

CONE 6 RESULTS (1222°C / 2232°F)



Fired flat in oxidation on white stoneware body



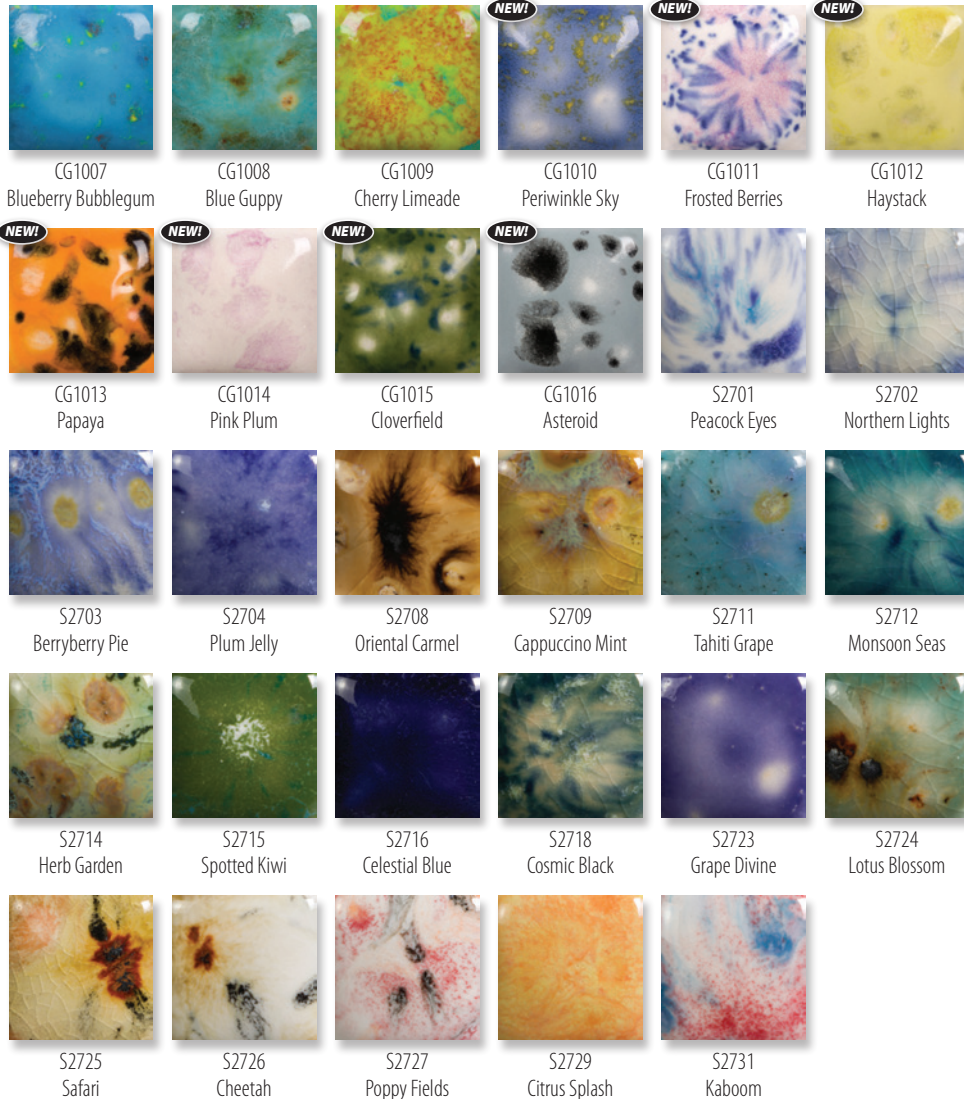
HOW TO USE

Check each color label under "Special Notes" for information regarding color performance at higher temperatures or see samples chips at MaycoColors.com.

One coat will create a translucent finish with subsequent coats adding opacity. We suggest 2-3 coats for full opacity and all over coverage. We recommend a soft fan brush, such as CB604 #4 or CB618 #8 Soft Fan, for glaze application. Stir frequently as crystals tend to settle in the jar due to their weight. Redistribution of crystals may be

required during the final coat. At higher temperatures, Jungle Gems™ have more mobility. We recommend receding layers of glaze when applying. Avoid heavy application of crystals at the bottom third of ware as the crystals tend to flow at higher temperatures on vertical pieces and can adhere to the kiln shelves. Place a tile or a piece of scrap bisque beneath the piece to prevent glaze from running onto your kiln shelves. Fire to shelf cone 5-10. We recommend testing at your preferred firing temperature and clay body prior to use.

CONE 6 RESULTS (1222°C / 2232°F)



GO EVEN HOTTER.



Click on "Color Swatches" to view the palette at 06, 6, and 10.

Fired flat in oxidation on white stoneware body



CL products are NOT suitable for children 12 and under.



How do Jungle Gems™ Change When Fired to Mid-Range Temperatures?

Color

Firing hotter may alter the base and crystal color. Lighter colors such as pinks and purples often lighten. Crystals may fade and blur. Check MaycoColors.com, chip charts, brochures, or labels for cone 6 results before use.

Dinnerware Safety

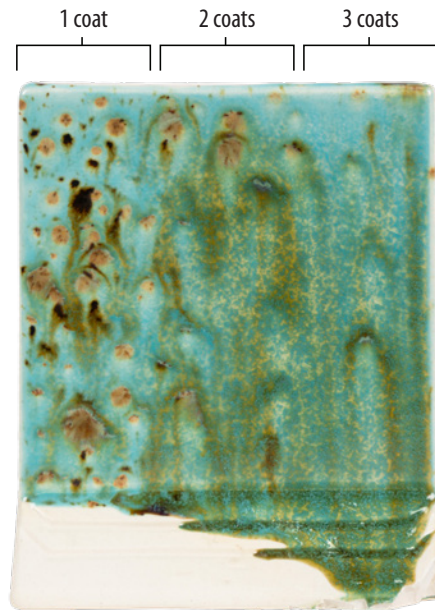
Jungle Gems™ are not recommended for dinnerware produced from low-fire earthenware clay bodies. However, Jungle Gems™ glazes may be considered dinnerware safe if your stoneware clay body is fired to vitrification/maturity and surface texture is not present. Many Jungle Gems™ are prone to natural crazing when crystals 'bloom'. Clear glaze will not prevent crazing.



Learn more about Dinnerware Safety.

Movement

Jungle Gems™ will move at mid-range temperatures. The crystals will lose some of their definition and act more as a blending agent. We recommend receding layers of glaze when applying on vertical ware and avoid heavy application of crystals at the bottom third of ware as the crystals tend to flow at higher temperatures and can adhere to the kiln shelves. Place a tile or a piece of scrap bisque beneath the piece to prevent glaze from running onto your kiln shelves. Less coats will produce less movement and more defined crystals. Textured ridges may help to catch the glaze and prevent runoff. You can also buffer Jungle Gems™ by placing a stable glaze, Engobe or underglaze below it to catch it.

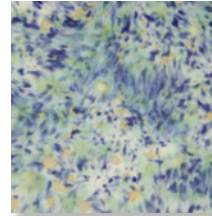


CG1008 Blue Guppy
fired to cone 6 (1222°C/2232°F)

Firing Flat vs. Vertical at Mid-Range & Higher Temperatures

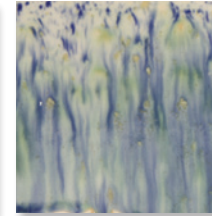
While formulated for cone 06/05 use, many of the glazes perform beautifully at higher temperatures. Refer to the individual color label for cone 6 firing performance. As Jungle Gems™ tend to flow at higher temperatures, firing your glazed ware flat or vertical can greatly impact the look, as seen on the chips below. Due to the movement of the glaze, we recommend limiting the amount of crystals on the bottom third of a vertical piece to avoid running off the ware. We recommend testing prior to use.

Fired flat
Cone 6



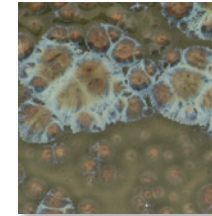
CG722
Seawind

Fired vertically
Cone 6



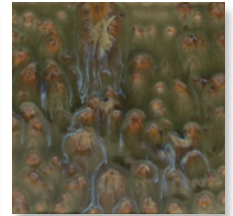
CG722
Seawind

Fired flat
Cone 6

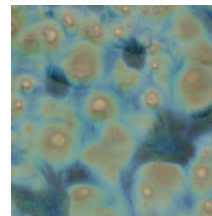


CG780
Mystic Jade

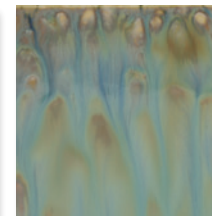
Fired vertically
Cone 6



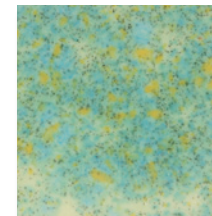
CG780
Mystic Jade



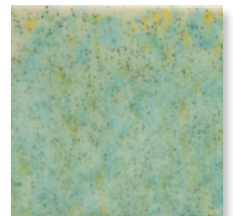
CG962
Blue Azure



CG962
Blue Azure



CG979
Meadow



CG979
Meadow

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Stay up to date with Mayco on social media and find workshops and more education on Mayco's YouTube channel!

Mayco's
Video Library



Glaze Combinations

Take Mayco glazes to the next level with a simple combination of two glazes to create extraordinary finishes. For inspiration, browse through our hundreds of glaze combinations and projects for mid and high-fire.



All Over Coverage

With just one glaze, Jungle Gems™ can be the star of your work in all over coverage with intricate patterns and unique effects. Jungle Gems™ demonstrate the magic of the kiln more effectively than any other product line. Delightful for artists of all ages and abilities!



Movement & Flow

Jungle Gems™ will move and flow more at mid-range temperatures. The crystals will lose some of their definition and act more as a blending agent, allowing you to achieve flowing drips on your works. Use Mayco Engobes, underglazes or another stable glaze to act as a buffer and help control the flow.



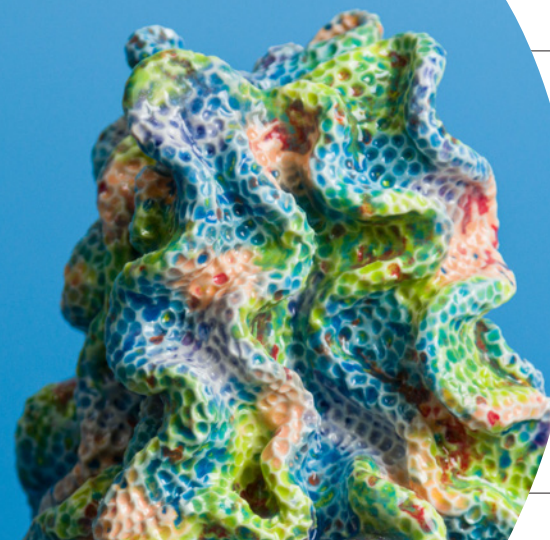
In Combination With Other Glazes

Jungle Gems™ can play a supporting role to other glazes. Use Jungle Gems™ in combination with Mayco Stoneware glazes at mid-range for a variety of colorful effects.



On Texture

Some Jungle Gems™ colors will be more transparent at mid-range and higher firings. However, this can be a benefit to allow an underlying clay body to show through and enhance texture on your ware.



Application Methods

Jungle Gems™ can be used for layering techniques such as the popular peacock technique at mid-range, where pops of color move and create dramatic effects using different combinations of Flux and Stoneware glazes.



Go Hotter

Jungle Gems™ can take the heat with many colors maintaining their vibrancy at cone 10 oxidation, reduction or other alternative atmospheric firing conditions, such as wood, salt or raku. Visit MaycoColors.com to see cone 10 reduction samples. Testing is recommended.

