

Converting Colors

YUV(124.5000, -25.8825,
-98.6625)

Have a look what the booklet for
YUV(124.5000, -25.8825, -98.6625)
contains.

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Color

**YUV(124.5000, -25.8825,
-98.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	0CC048
RGB	12, 192, 72
RGB Percent	5%, 75%, 28%
CMY	0.9529, 0.2471, 0.7176
CMYK	0.94, 0.00, 0.62, 0.25
HSL	140°, 88%, 40%
HSV	140°, 94%, 75%
XYZ	20.1710, 38.2453, 12.4499
YIQ	124.5000, -68.7600, -75.4800

Conversions

Conversions Part 2

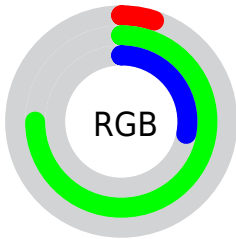
Format	Color
RYB	12, 147, 192
Decimal	835656
CIELab	68.20, -64.70, 48.10
CIELCh	68, 80.618, 143.369
Yxy	38.2453, 0.2846, 0.5397
Android (android.graphics.Color)	4279025736 (0xFF0CC048)
YUV	124.5000, -25.8825, -98.6625
Hunter-Lab	61.8428, -50.0044, 31.3540

Details

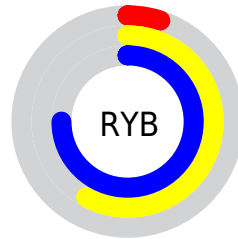
The YUV color **124.5000, -25.8825, -98.6625** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **79.5000, 25.8825, 98.6625**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1990, -32.6361, -79.1045**, and **82.1290, -33.0946, -72.0271** is the 20% darker color. If you saturate the color by 10%, you get **120.0000, -27.6080, -105.2400**, and if you desaturate by 10%, it is **131.6630, -23.0049, -88.2815**.

Distribution



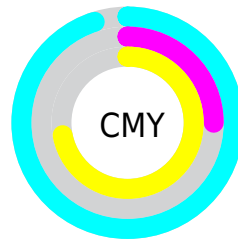
- Red (5%)
- Green (75%)
- Blue (28%)



- Red (5%)
- Yellow (58%)
- Blue (75%)



- Cyan (94%)
- Magenta (0%)
- Yellow (62%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.5000, -25.8825, -98.6625 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 124.5000, -25.8825, -98.6625 by changing the saturation by 10% instead.

■ 124.5000,
-25.8825, -98.6625

■ 124.5000,
-25.8825, -98.6625

■ 255.0000, 0.0000,
0.0000

■ 101.5120,
-27.3674, -89.0260

■ 191.1990,
-32.6361, -79.1045

■ 82.1290, -33.0946,
-72.0271

■ 206.7800,
-27.0065, -64.7051

■ 64.5700, -31.8330,
-56.6279

■ 219.1270,
-19.7826, -48.3464

■ 49.3080, -24.3088,
-43.2431

■ 231.5880,
-12.1219, -32.0877

■ 35.2200, -17.3635,
-30.8879

■ 243.8640, -3.8770,
-16.5437

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,

0.0000

■ 124.5000,
-25.8825, -98.6625

■ 124.5000,
-25.8825, -98.6625

■ 120.0000,
-27.6080, -105.2400

■ 131.6630,
-23.0049, -88.2815

■ 138.8260,
-20.1272, -77.9004

■ 146.1740,
-17.8338, -66.8046

■ 153.3370,
-14.9561, -56.4235

■ 160.5000,
-12.0785, -46.0425

■ 167.6630, -9.2009,
-35.6615

■ 174.8260, -6.3232,
-25.2804

■ 182.1740, -4.0298,
-14.1846

■ 189.3370, -1.1521,
-3.8035

Harmonies

Analogous

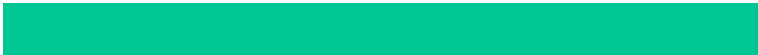
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148.1290, -73.0276, -3.6211



124.5000, -25.8825, -98.6625



132.9840, 6.9099, -116.6270

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



124.5000, -25.8825, -98.6625



134.7300, 59.2931, -118.1582



144.3050, -15.4334, 97.0795

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



124.5000, -25.8825, -98.6625



79.5000, 25.8825, 98.6625

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



149.1050, 18.1892, 92.8699



124.5000, -25.8825, -98.6625



157.7400, 47.9492, -26.0820

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



124.5000, -25.8825, -98.6625



142.9480, 55.2416, -125.3654



169.0850, 41.8631, 59.5615



155.3370, -54.3961, 87.4045

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



124.5000, -25.8825, -98.6625



139.3850, 28.8972, -122.2406



169.0850, 41.8631, 59.5615



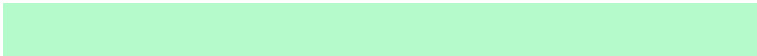
142.9320, -2.9245, 98.2836

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



124.5000, -25.8825, -98.6625



223.7120, -10.2110, -38.3354



153.5400, -69.7792, -18.8906



108.9510, -5.8918, -23.6360



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



124.5000, -25.8825, -98.6625



156.2120, -36.0935, -136.9979



134.7600, 13.4293, -107.6605



93.2120, -1.5835, -5.4479



100.6630, -23.0049, -88.2815



20.6250, -4.7451, -18.0881

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.5000, 25.8825, 98.6625



93.7880, 36.0935, 136.9979



69.2400, -13.4293, 107.6605



90.7880, 1.5835, 5.4479



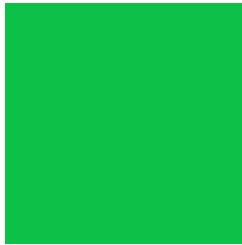
60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 124.5000, -25.8825, -98.6625 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 124.5000, -25.8825, -98.6625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 124.5000, -25.8825, -98.6625 Background



This preview shows how black text looks on a background with the YUV color 124.5000, -25.8825, -98.6625.



This preview shows how white text looks on a background with the YUV color 124.5000, -25.8825, -98.6625.

-98.6625.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

124.5000, -25.8825, -98.6625

Protanopia

159.1670, -46.9173, 21.7785

Deuteranopia

162.2040, -39.5406, 35.7781



Tritanopia

150.7990, 21.2981, -64.7217

Trichromacy



Original Color

124.5000, -25.8825, -98.6625



Protanomaly

146.5420, -39.2142, -22.4003



Deuteranomaly

148.7480, -34.8788, -12.9340



Tritanomaly

140.9550, 4.4592, -77.1365

Monochromacy



Original Color

124.5000, -25.8825, -98.6625



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.6630, -9.2009, -35.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5000, -25.8825, -98.6625 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(12, 192, 72)` looks like.

```
.text, #text, p{  
    color:rgb(12, 192, 72)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(12, 192, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 192, 72) }
```

Border

The CSS property to change the border of an element to YUV 124.5000, -25.8825, -98.6625 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(12, 192, 72) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(12, 192, 72) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(12, 192, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 192, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 192, 72);  
box-shadow:4px 4px 4px 4px rgb(12, 192,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 124.5000, -25.8825, -98.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 192, 72) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(12, 192,  
72) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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