

Converting Colors

YUV(124.7250, -17.1194,
-109.3838)

Have a look what the booklet for
YUV(124.7250, -17.1194, -109.3838)
contains.

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Color

**YUV(124.7250, -17.1194,
-109.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	00C35A
RGB	0, 195, 90
RGB Percent	0%, 76%, 35%
CMY	1.0000, 0.2353, 0.6471
CMYK	1.00, 0.00, 0.54, 0.24
HSL	148°, 100%, 38%
HSV	148°, 100%, 76%
XYZ	21.3606, 39.7684, 16.2231
YIQ	124.7250, -82.5150, -73.9950

Conversions

Conversions Part 2

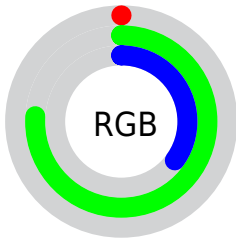
Format	Color
RYB	0, 133, 195
Decimal	50010
CIELab	69.30, -63.70, 41.05
CIElCh	69, 75.780, 147.202
Yxy	39.7684, 0.2761, 0.5141
Android (android.graphics.Color)	4278240090 (0xFF00C35A)
YUV	124.7250, -17.1194, -109.3838
Hunter-Lab	63.0622, -49.8969, 28.8908

Details

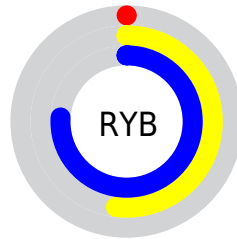
The YUV color **124.7250, -17.1194, -109.3838** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **70.2750, 17.1194, 109.3838**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3000, -25.7839, -83.5781**, and **86.6260, -23.4796, -75.9710** is the 20% darker color. If you saturate the color by 10%, you get **124.7250, -17.1194, -109.3838**, and if you desaturate by 10%, it is **131.6600, -15.1154, -98.8028**.

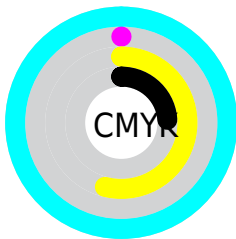
Distribution



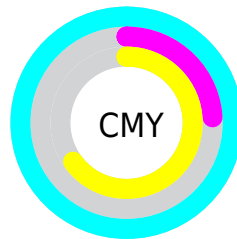
- Red (0%)
- Green (76%)
- Blue (35%)



- Red (0%)
- Yellow (52%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.7250, -17.1194, -109.3838 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 124.7250, -17.1194, -109.3838 by changing the saturation by 10% instead.

■ 124.7250,
-17.1194, -109.3838

■ 124.7250,
-17.1194, -109.3838

■ 255.0000, 0.0000,
0.0000

■ 105.4390,
-19.9364, -92.4700

■ 194.3000,
-25.7839, -83.5781

■ 86.6260, -23.4796,
-75.9710

■ 208.1200,
-19.2862, -67.6342

■ 67.4710, -28.3332,
-59.1721

■ 220.5810,
-11.6254, -51.3755

■ 51.0690, -25.1770,
-44.7875

■ 233.1560, -3.5279,
-35.2168

■ 36.3940, -17.9422,
-31.9175

■ 245.7310, 4.5696,
-19.0581

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 124.7250,
-17.1194, -109.3838

■ 131.6600,
-15.1154, -98.8028

■ 138.7800,
-13.6955, -87.5071

■ 146.0140,
-11.8389, -76.3113

■ 152.8350,
-10.2717, -65.6303

■ 160.0690, -8.4150,
-54.4345

■ 166.8900, -6.8478,
-43.7535

■ 173.7110, -5.2805,
-33.0725

■ 180.9450, -3.4239,
-21.8768

■ 188.0650, -2.0040,
-10.5810

Harmonies

Analogous

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



152.5610, -64.8596, -10.1390



124.7250, -17.1194, -109.3838



135.6400, 12.0095, -118.9563

Triad

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



124.7250, -17.1194, -109.3838



134.1430, 59.5825, -117.6434



151.7080, -20.0690, 90.5871

Complementary

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



124.7250, -17.1194, -109.3838



70.2750, 17.1194, 109.3838

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.



154.1770, 12.2377, 88.4218



124.7250, -17.1194, -109.3838



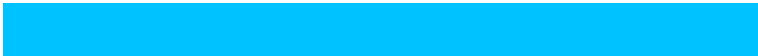
165.5140, 44.1166, -10.0978

Square

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



124.7250, -17.1194, -109.3838



142.9480, 55.2416, -125.3654



172.2120, 35.8845, 63.8351



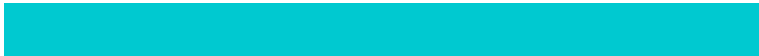
161.6630, -55.5429, 81.8565

Rectangle

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



124.7250, -17.1194, -109.3838



141.6990, 32.6864, -124.2700



172.2120, 35.8845, 63.8351



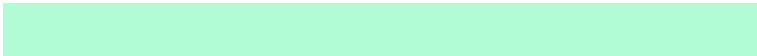
150.6940, -8.7231, 91.4764

Sweetspot

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



124.7250, -17.1194, -109.3838



225.0150, -6.4164, -42.1092



146.4580, -72.2038, -34.6047



111.3960, -4.1392, -25.7803



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



124.7250, -17.1194, -109.3838



161.2620, -21.8212, -141.4268



135.5550, 24.3764, -118.8817



93.4400, -0.7099, -5.6479



102.9430, -14.2689, -90.2810



21.0810, -2.9979, -18.4880

Inverse Universe

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



70.2750, 17.1194, 109.3838



90.8520, 22.2580, 141.3268



59.4450, -24.3764, 118.8817



90.5600, 0.7099, 5.6479



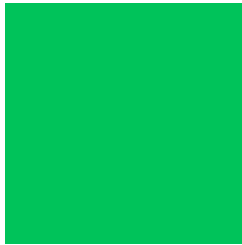
58.0570, 14.2689, 90.2810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 124.7250, -17.1194, -109.3838 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 124.7250, -17.1194, -109.3838 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 124.7250, -17.1194, -109.3838 Background



This preview shows how black text looks on a background with the YUV color 124.7250, -17.1194, -109.3838.



This preview shows how white text looks on a background with the YUV color 124.7250, -17.1194, -109.3838.

-109.3838.

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

124.7250, -17.1194, -109.3838

Protanopia

163.4640, -40.6548, 19.7641

Deuteranopia

166.2020, -33.1306, 33.1488



Tritanopia

152.7170, 22.3245, -67.2808

Trichromacy



Original Color

124.7250, -17.1194, -109.3838



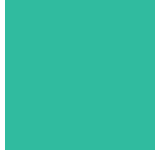
Protanomaly

149.3440, -32.2146, -27.4887



Deuteranomaly

151.3650, -27.2949, -18.7371



Tritanomaly

142.2470, 8.2592, -82.6546

Monochromacy



Original Color

124.7250, -17.1194, -109.3838



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.7380, -6.2798, -39.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.7250, -17.1194, -109.3838 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(0, 195, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 90)  
}
```

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(0, 195, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 90) }
```

Border

The CSS property to change the border of an element to YUV 124.7250, -17.1194, -109.3838 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(0, 195, 90) }
```


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

```
.border{ border-color:rgb(0, 195, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 195, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 124.7250, -17.1194, -109.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 90) }
```

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

```
.background{ background-color: rgb(0, 195,  
90) }
```

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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