

Converting Colors

YUV(119.4210, -52.9586,
-94.2082)

Have a look what the booklet for
YUV(119.4210, -52.9586, -94.2082)
contains.

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Color

**YUV(119.4210, -52.9586,
-94.2082)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0CC30C |
| RGB | 12, 195, 12 |
| RGB Percent | 5%, 76%, 5% |
| CMY | 0.9529, 0.2353, 0.9529 |
| CMYK | 0.94, 0.00, 0.94, 0.24 |
| HSL | 120°, 88%, 41% |
| HSV | 120°, 94%, 76% |
| XYZ | 19.7331, 39.1349, 6.8616 |
| YIQ | 119.4210, -50.3250, -95.7090 |

Conversions

Conversions Part 2

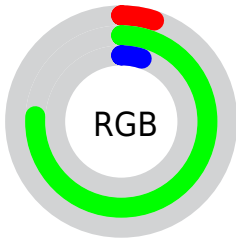
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 12, 195, 195 |
| Decimal | 836364 |
| CIELab | 68.85, -69.66, 66.70 |
| CIELCh | 69, 96.447, 136.243 |
| Yxy | 39.1349, 0.3002, 0.5954 |
| Android (android.graphics.Color) | 4279026444 (0xFF0CC30C) |
| YUV | 119.4210, -52.9586, -94.2082 |
| Hunter-Lab | 62.5579, -53.1708, 37.2874 |

Details

The YUV color **119.4210, -52.9586, -94.2082** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **87.5790, 52.9586, 94.2082**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3680, -52.4394, -73.9907**, and **81.5930, -40.2253, -71.5571** is the 20% darker color. If you saturate the color by 10%, you get **114.4650, -56.4312, -100.3858**, and if you desaturate by 10%, it is **127.6810, -47.1707, -83.9122**.

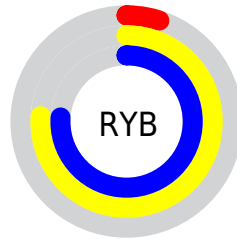
Distribution



Red (5%)

Green (76%)

Blue (5%)



Red (5%)

Yellow (76%)

Blue (76%)

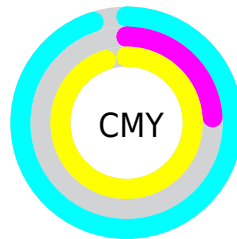


Cyan (94%)

Magenta (0%)

Yellow (94%)

Black (24%)



Cyan (95%)


Magenta (24%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.4210, -52.9586, -94.2082 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 119.4210, -52.9586, -94.2082 by changing the saturation by 10% instead.


 119.4210,
-52.9586, -94.2082


 119.4210,
-52.9586, -94.2082


255.0000, 0.0000,
0.0000


 98.0290, -48.3283,
-85.9714


 189.3680,
-52.4394, -73.9907


 81.5930, -40.2253,
-71.5571


 203.3020,
-45.5049, -58.1469


 66.3310, -32.7012,
-58.1723


 216.1760,
-37.5548, -41.3734

 51.0690, -25.1770,
-44.7875

 228.6370,
-29.8940, -25.1146

 36.3940, -17.9422,
-31.9175

 241.2120,
-21.7965, -8.9559

 21.7190, -10.7075,
-19.0476

 251.6940,

 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 119.4210,
-52.9586, -94.2082

■ 119.4210,
-52.9586, -94.2082

■ 114.4650,
-56.4312, -100.3858

■ 127.6810,
-47.1707, -83.9122

■ 135.5280,
-41.6723, -74.1311

■ 143.7880,
-35.8845, -63.8351

■ 151.6350,
-30.3861, -54.0539

■ 159.8950,
-24.5982, -43.7579

■ 167.7420,
-19.0998, -33.9767

■ 176.0020,
-13.3120, -23.6808

■ 183.8490, -7.8136,
-13.8996

■ 191.6960, -2.3151,
-4.1184

Harmonies

Analogous

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



152.6140, -75.2387, 5.6005



119.4210, -52.9586, -94.2082



133.1830, -5.0202, -116.8015

Triad

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



119.4210, -52.9586, -94.2082



140.6000, 56.3992, -123.3062



121.0190, 1.9626, 117.5013

Complementary

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



119.4210, -52.9586, -94.2082



87.5790, 52.9586, 94.2082

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.



136.2200, 37.3595, 104.1701



119.4210, -52.9586, -94.2082



124.7510, 64.2128, -109.4066

Square

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



119.4210, -52.9586, -94.2082



148.2310, 52.6371, -129.9986



166.5080, 43.6266, 53.9285



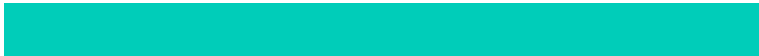
142.2120, -51.3765, 98.9151

Rectangle

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



119.4210, -52.9586, -94.2082



141.4250, 21.4825, -124.0297



166.5080, 43.6266, 53.9285



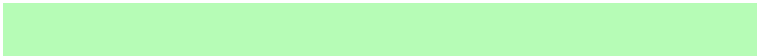
118.4550, 17.5237, 119.7500

Sweetspot

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



119.4210, -52.9586, -94.2082



223.0900, -20.2574, -36.0359



174.1380, -79.9340, 18.2960



109.8280, -12.7332, -22.6512



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.



119.4210, -52.9586, -94.2082



147.9240, -72.9265, -129.7293



129.9090, -12.7731, -103.4062



92.8700, -2.8939, -5.1480



94.5070, -46.5920, -82.8826



19.3710, -9.5499, -16.9884

Inverse Universe

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



87.5790, 52.9586, 94.2082



104.0760, 72.9265, 129.7293



77.2050, 13.2099, 103.3062



91.1300, 2.8939, 5.1480



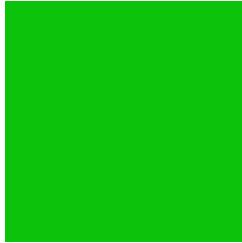
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 119.4210, -52.9586, -94.2082 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 119.4210, -52.9586, -94.2082 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 119.4210, -52.9586, -94.2082 Background



This preview shows how black text looks on a background with the YUV color 119.4210, -52.9586, -94.2082.



This preview shows how white text looks on a background with the YUV color 119.4210, -52.9586, -94.2082.

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

119.4210, -52.9586, -94.2082

Protanopia

154.2410, -76.0408, 29.6066

Deuteranopia

160.2530, -57.3127, 42.7511



Tritanopia

153.1090, 21.1453, -62.3626

Trichromacy



Original Color

119.4210, -52.9586, -94.2082



Protanomaly

141.4310, -67.7535, -15.2870



Deuteranomaly

144.9880, -55.7031, -7.0055



Tritanomaly

140.9310, -5.8820, -73.6075

Monochromacy



Original Color

119.4210, -52.9586, -94.2082



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.3290, -19.3892, -34.4915

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4210, -52.9586, -94.2082 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, 195, 12)` looks like.

```
.text, #text, p{  
    color:rgb(12, 195, 12)  
}
```

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, 195, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 195, 12) }
```

Border

The CSS property to change the border of an element to YUV 119.4210, -52.9586, -94.2082 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, 195, 12) }
```


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

```
.border{ border-color:rgb(12, 195, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 195, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 195, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 195, 12);  
box-shadow:4px 4px 4px 4px rgb(12, 195,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 119.4210, -52.9586, -94.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 195, 12) }
```

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

```
.background{ background-color: rgb(12, 195,  
12) }
```

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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