

Converting Colors

YUV(122.0020, -50.7800,
-92.9638)

Have a look what the booklet for
YUV(122.0020, -50.7800, -92.9638)
contains.

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Color

**YUV(122.0020, -50.7800,
-92.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	10C413
RGB	16, 196, 19
RGB Percent	6%, 77%, 7%
CMY	0.9373, 0.2314, 0.9255
CMYK	0.92, 0.00, 0.90, 0.23
HSL	121°, 85%, 42%
HSV	121°, 92%, 77%
XYZ	20.0712, 39.6370, 7.2090
YIQ	122.0020, -50.4630, -93.2070

Conversions

Conversions Part 2

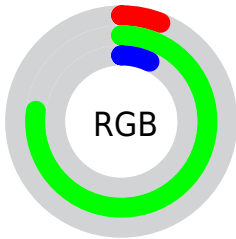
Format	Color
RYB	16, 193, 196
Decimal	1098771
CIELab	69.21, -69.54, 66.00
CIELCh	69, 95.876, 136.493
Yxy	39.6370, 0.2999, 0.5923
Android (android.graphics.Color)	4279288851 (0xFF10C413)
YUV	122.0020, -50.7800, -92.9638
Hunter-Lab	62.9579, -53.2701, 37.2816

Details

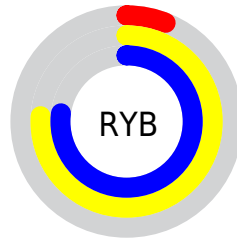
The YUV color **122.0020, -50.7800, -92.9638** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **89.9980, 50.7800, 92.9638**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5960, -51.5658, -74.1907**, and **82.1800, -40.5147, -72.0719** is the 20% darker color. If you saturate the color by 10%, you get **115.3940, -55.4102, -101.2005**, and if you desaturate by 10%, it is **130.1480, -45.4290, -82.5678**.

Distribution



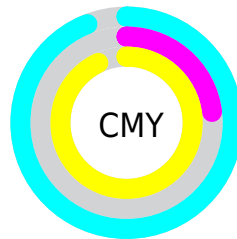
- Red (6%)
- Green (77%)
- Blue (7%)



- Red (6%)
- Yellow (76%)
- Blue (77%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)
- Black (23%)





- Cyan (94%)
- Magenta (23%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.0020, -50.7800, -92.9638 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 122.0020, -50.7800, -92.9638 by changing the saturation by 10% instead.


 122.0020,
-50.7800, -92.9638


 122.0020,
-50.7800, -92.9638


255.0000, 0.0000,
0.0000


 98.6160, -48.6177,
-86.4862


 190.5960,
-51.5658, -74.1907


 82.1800, -40.5147,
-72.0719


 203.9430,
-44.3419, -57.8320


 66.9180, -32.9906,
-58.6871


 216.4040,
-36.6812, -41.5733

 51.6560, -25.4664,
-45.3023

 228.9790,
-28.5836, -25.4146

 36.9810, -18.2316,
-32.4323

 241.7390,
-21.0703, -8.5411

 22.3060, -10.9969,
-19.5624

 252.0360,

 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 122.0020,
-50.7800, -92.9638

■ 122.0020,
-50.7800, -92.9638

■ 115.3940,
-55.4102, -101.2005

■ 130.1480,
-45.4290, -82.5678

■ 138.1090,
-39.4937, -72.8866

■ 146.2550,
-34.1427, -62.4906

■ 154.1020,
-28.6443, -52.7095

■ 162.2480,
-23.2933, -42.3135

■ 170.5080,
-17.5054, -32.0175

■ 178.3550,
-12.0070, -22.2363

■ 186.5010, -6.6560,
-11.8404

■ 194.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



153.2010, -75.5281, 5.0857



122.0020, -50.7800, -92.9638



133.9980, -4.4360, -117.5162

Triad

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



122.0020, -50.7800, -92.9638



141.1870, 56.1098, -123.8210



123.4810, 1.2419, 115.3422

Complementary

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



122.0020, -50.7800, -92.9638



89.9980, 50.7800, 92.9638

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.



137.9810, 36.4914, 102.6257



122.0020, -50.7800, -92.9638



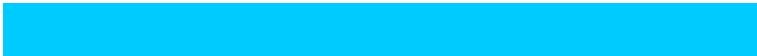
124.7510, 64.2128, -109.4066

Square

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



122.0020, -50.7800, -92.9638



148.2310, 52.6371, -129.9986



167.6930, 43.0424, 54.6432



143.5000, -51.5185, 97.7855

Rectangle

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



122.0020, -50.7800, -92.9638



142.1260, 21.6299, -124.6445



167.6930, 43.0424, 54.6432



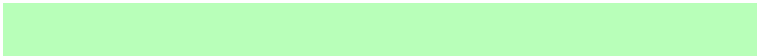
121.3900, 16.0767, 117.1760

Sweetspot

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



122.0020, -50.7800, -92.9638



225.7910, -20.1100, -36.6507



174.5830, -78.1814, 16.1517



109.9420, -12.2964, -22.7511



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.



122.0020, -50.7800, -92.9638



150.1410, -72.0475, -131.6737



132.2620, -11.4682, -101.9618



92.8700, -2.8939, -5.1480



94.8490, -45.2816, -83.1826



19.4850, -9.1131, -17.0883

Inverse Universe

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



89.9980, 50.7800, 92.9638



104.8590, 72.0475, 131.6737



79.7380, 11.4682, 101.9618



91.1300, 2.8939, 5.1480



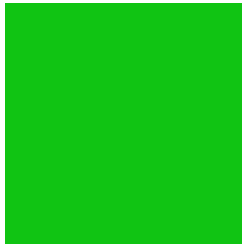
66.1510, 45.2816, 83.1826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 122.0020, -50.7800, -92.9638 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 122.0020, -50.7800, -92.9638 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 122.0020, -50.7800, -92.9638 Background



This preview shows how black text looks on a background with the YUV color 122.0020, -50.7800, -92.9638.



This preview shows how white text looks on a background with the YUV color 122.0020, -50.7800, -92.9638.

-92.9638.

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

122.0020, -50.7800, -92.9638

Protanopia

155.1270, -76.4776, 29.7066

Deuteranopia

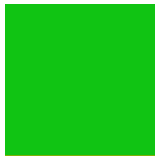
161.3670, -56.8759, 42.6511



Tritanopia

154.1090, 21.1453, -62.3626

Trichromacy



Original Color

122.0020, -50.7800, -92.9638



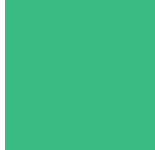
Protanomaly

142.9580, -67.0273, -14.8722



Deuteranomaly

146.6290, -54.5401, -6.6906



Tritanomaly

142.4580, -5.1558, -73.1927

Monochromacy



Original Color

122.0020, -50.7800, -92.9638



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.9700, -18.2262, -34.1767

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0020, -50.7800, -92.9638 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(16, 196, 19)` looks like.

```
.text, #text, p{  
    color:rgb(16, 196, 19)  
}
```

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(16, 196, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 196, 19) }
```

Border

The CSS property to change the border of an element to YUV 122.0020, -50.7800, -92.9638 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(16, 196, 19) }
```


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

```
.border{ border-color:rgb(16, 196, 19) }
```

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

Here you see how a box with a 4 pixel rgb(16, 196, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 196, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 196, 19);  
box-shadow:4px 4px 4px 4px rgb(16, 196,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 122.0020, -50.7800, -92.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 196, 19) }
```

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

```
.background{ background-color: rgb(16, 196,  
19) }
```

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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