

Converting Colors

YUV(57.0250, -21.7043,
-38.6099)

Have a look what the booklet for
YUV(57.0250, -21.7043, -38.6099)
contains.

YUV(57.0250, -21.7043, -38.6099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.0250, -21.7043,
-38.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	0D580D
RGB	13, 88, 13
RGB Percent	5%, 35%, 5%
CMY	0.9490, 0.6549, 0.9490
CMYK	0.85, 0.00, 0.85, 0.65
HSL	120°, 74%, 20%
HSV	120°, 85%, 35%
XYZ	3.7283, 7.0941, 1.5536
YIQ	57.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

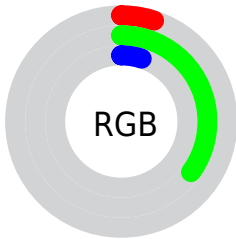
Format	Color
RYB	13, 88, 88
Decimal	874509
CIELab	32.02, -37.10, 34.28
CIELCh	32, 50.512, 137.255
Yxy	7.0941, 0.3013, 0.5732
Android (android.graphics.Color)	4279064589 (0xFF0D580D)
YUV	57.0250, -21.7043, -38.6099
Hunter-Lab	26.6347, -21.6241, 15.1860

Details

The YUV color **57.0250, -21.7043, -38.6099** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **43.9750, 21.7043, 38.6099**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1890, -23.7572, -33.4918**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **53.3080, -24.3088, -43.2431**, and if you desaturate by 10%, it is **60.7420, -19.0998, -33.9767**.

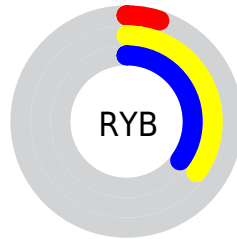
Distribution



Red (5%)

Green (35%)

Blue (5%)



Red (5%)

Yellow (35%)

Blue (35%)

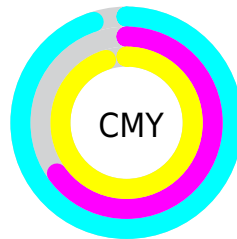


Cyan (85%)

Magenta (0%)

Yellow (85%)

Black (65%)



Cyan (95%)


Magenta (65%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 57.0250, -21.7043, -38.6099 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 57.0250, -21.7043, -38.6099 by changing the saturation by 10% instead.


 57.0250, -21.7043,
-38.6099

 57.0250, -21.7043,
-38.6099


 254.3160, -2.6208,
0.5999


 37.5680, -18.5210,
-32.9471

 110.1890,
-23.7572, -33.4918


 24.6540, -12.1544,
-21.6216


 136.8470,
-25.0676, -33.1918

 7.6310, -3.7621,
-6.6924

 163.4340,
-25.3570, -33.7066


 0.0000, 0.0000,
0.0000


 191.2060,
-26.2306, -33.5067


 219.5650,
-27.3935, -33.8215


 234.0640,


-20.7376, -21.9811


 245.9270,
-12.7820, -6.9520

 57.0250, -21.7043,
-38.6099


 57.0250, -21.7043,
-38.6099


 53.3080, -24.3088,
-43.2431


 60.7420, -19.0998,
-33.9767

 51.6560, -25.4664,
-45.3023

 64.4590, -16.4953,
-29.3435

 67.7630, -14.1802,
-25.2252

 71.4800, -11.5756,
-20.5920

 75.1970, -8.9711,
-15.9588

■ 78.9140, -6.3666,
-11.3256

■ 82.6310, -3.7621,
-6.6924

■ 85.9350, -1.4470,
-2.5740

■ 89.6520, 1.1576,
2.0592

Harmonies

Analogous

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



68.1890, -33.6172, 2.4652



57.0250, -21.7043, -38.6099



60.3880, -2.1633, -52.9603

Triad

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



57.0250, -21.7043, -38.6099



67.3370, 42.2319, -59.0545



66.2350, -6.0319, 68.1999

Complementary

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



57.0250, -21.7043, -38.6099



43.9750, 21.7043, 38.6099

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.



69.8760, 11.8931, 58.8677



57.0250, -21.7043, -38.6099



65.8710, 42.4616, -39.3519

Square

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



57.0250, -21.7043, -38.6099



68.5790, 31.7596, -60.1438



77.3260, 25.9683, 24.2701



70.0550, -26.6491, 54.3258

Rectangle

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



57.0250, -21.7043, -38.6099



64.1670, 9.7777, -56.2745



77.3260, 25.9683, 24.2701



65.9560, 0.5147, 68.4446

Sweetspot

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



57.0250, -21.7043, -38.6099



102.6100, -8.6817, -15.4440



79.4500, -32.7598, 7.4984



51.1530, -5.4984, -9.7812



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



57.0250, -21.7043, -38.6099



67.5050, -33.2800, -59.2019



61.3570, -5.1060, -42.4091



41.3480, -1.1576, -2.0592



62.8090, -30.9648, -55.0835



137.9450, -68.0069, -120.9778

Inverse Universe

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



43.9750, 21.7043, 38.6099



47.4950, 33.2800, 59.2019



39.7570, 5.5428, 42.3091



40.6520, 1.1576, 2.0592



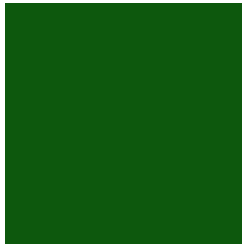
44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 57.0250, -21.7043, -38.6099 looks on a white background.

Color Contrast Check

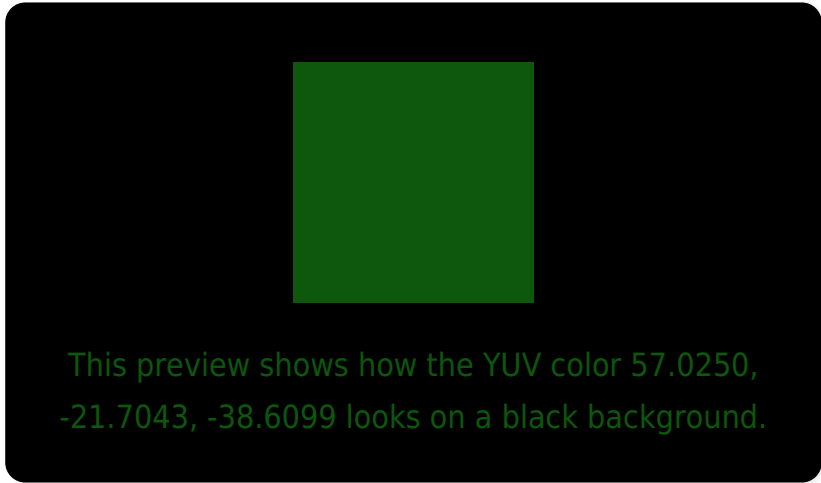
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 57.0250, -21.7043, -38.6099

Background



This preview shows how black text looks on a background with the YUV color 57.0250, -21.7043, -38.6099.



This preview shows how white text looks on a background with the YUV color 57.0250, -21.7043, -38.6099.

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

57.0250, -21.7043, -38.6099

Protanopia

71.0530, -30.5921, 12.2315

Deuteranopia

72.9920, -24.6461, 18.4240



Tritanopia

69.6420, 9.5435, -27.7500

Trichromacy



Original Color

57.0250, -21.7043, -38.6099

Protanomaly

65.7410, -27.4803, -5.9119

Deuteranomaly

67.3870, -23.8548, -2.0934

Tritanomaly

64.9330, -1.9390, -31.5132

Monochromacy



Original Color

57.0250, -21.7043, -38.6099

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8490, -7.8136, -13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0250, -21.7043, -38.6099 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(13, 88, 13)` looks like.

```
.text, #text, p{  
    color:rgb(13, 88, 13)  
}
```

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(13, 88, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 88, 13) }
```

Border

The CSS property to change the border of an element to YUV 57.0250, -21.7043, -38.6099 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(13, 88, 13) }
```


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

```
.border{ border-color:rgb(13, 88, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 88, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 88, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 88, 13);  
box-shadow:4px 4px 4px 4px rgb(13, 88, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.0250, -21.7043, -38.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 88, 13) }
```

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

```
.background{ background-color: rgb(13, 88,  
13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor