

Converting Colors

YUV(50.5380, -9.6322, -37.3058)

Have a look what the booklet for
YUV(50.5380, -9.6322, -37.3058)
contains.

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Color

**YUV(50.5380, -9.6322,
-37.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	084C1F
RGB	8, 76, 31
RGB Percent	3%, 30%, 12%
CMY	0.9686, 0.7020, 0.8784
CMYK	0.89, 0.00, 0.59, 0.70
HSL	140°, 81%, 16%
HSV	140°, 89%, 30%
XYZ	2.9319, 5.3194, 2.1685
YIQ	50.5380, -26.0830, -28.4110

Conversions

Conversions Part 2

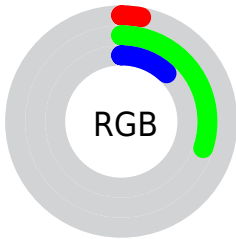
Format	Color
R_{YB}	8, 59, 76
Decimal	543775
CIE _{Lab}	27.63, -31.23, 21.00
CIE _{LCh}	28, 37.640, 146.079
Yxy	5.3194, 0.2814, 0.5105
Android (android.graphics.Color)	4278733855 (0xFF084C1F)
YUV	50.5380, -9.6322, -37.3058
Hunter-Lab	23.0639, -17.6708, 10.5701

Details

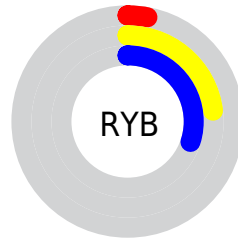
The YUV color **50.5380, -9.6322, -37.3058** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **33.4620, 9.6322, 37.3058**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0610, -12.8481, -32.5025**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **47.5760, -10.6370, -41.7242**, and if you desaturate by 10%, it is **53.5000, -8.6275, -32.8875**.

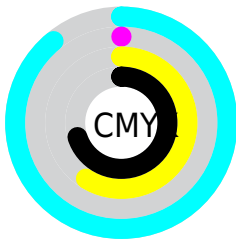
Distribution



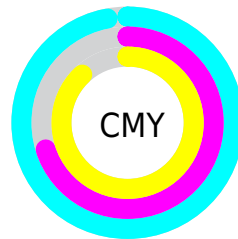
- Red (3%)
- Green (30%)
- Blue (12%)



- Red (3%)
- Yellow (23%)
- Blue (30%)



- Cyan (89%)
- Magenta (0%)
- Yellow (59%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.5380, -9.6322, -37.3058 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 50.5380, -9.6322, -37.3058 by changing the saturation by 10% instead.

■ 50.5380, -9.6322,
-37.3058

■ 50.5380, -9.6322,
-37.3058

255.0000, 0.0000,
0.0000

■ 32.1370, -11.4065,
-28.1841

■ 102.0610,
-12.8481, -32.5025

■ 19.3710, -9.5499,
-16.9884

■ 127.9470,
-13.2849, -32.4025

■ 0.0000, 0.0000,
0.0000

■ 154.4200,
-14.0111, -32.8173


■ 181.5940,
-14.5898, -33.8469


■ 209.4800,
-15.0266, -33.7470


■ 232.3710,

-13.0009, -30.1434


 244.3480, -4.6086,
-15.2142


 50.5380, -9.6322,
-37.3058


 50.5380, -9.6322,
-37.3058


 47.5760, -10.6370,
-41.7242

 53.5000, -8.6275,
-32.8875

 56.1630, -7.4754,
-29.0840

 59.1250, -6.4706,
-24.6656

 61.7880, -5.3185,
-20.8621

 64.7500, -4.3137,
-16.4438

■ 67.7120, -3.3090,
-12.0254

■ 70.3750, -2.1569,
-8.2219

■ 73.3370, -1.1521,
-3.8035

■ 76.0000, 0.0000,
0.0000

Harmonies

Analogous

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



58.6920, -26.4702, -3.2379



50.5380, -9.6322, -37.3058



52.6260, 3.6354, -46.1530

Triad

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



50.5380, -9.6322, -37.3058



55.1120, 33.4688, -48.3332



62.3650, -10.0399, 47.0379

Complementary

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



50.5380, -9.6322, -37.3058



33.4620, 9.6322, 37.3058

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.



63.1980, 3.3534, 44.5534



50.5380, -9.6322, -37.3058



65.0140, 25.6291, -7.0283

Square

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



50.5380, -9.6322, -37.3058



57.4940, 27.3645, -50.4222



66.8780, 15.3431, 25.5400



62.8570, -23.1005, 36.0824

Rectangle

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



50.5380, -9.6322, -37.3058



55.4930, 12.0820, -48.6674



66.8780, 15.3431, 25.5400



62.5160, -5.6774, 47.7825

Sweetspot

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



50.5380, -9.6322, -37.3058



89.2880, -3.5930, -14.2846



61.3710, -26.3119, -7.3414



44.9620, -2.4463, -8.7367



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



50.5380, -9.6322, -37.3058



61.9890, -13.7986, -54.3644



54.4140, 5.2189, -40.7051



36.5760, -0.2840, -2.2592



63.8640, -14.2300, -56.0087



143.9020, -32.4897, -126.2021

Inverse Universe

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



33.4620, 9.6322, 37.3058



37.1250, 14.2354, 54.2644



29.5860, -5.2189, 40.7051



35.5380, 0.7208, 2.1592



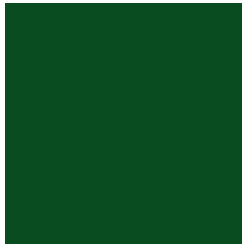
38.1360, 14.2300, 56.0087



86.0980, 32.4897, 126.2021

Previews

White Background



This preview shows how the YUV color 50.5380, -9.6322, -37.3058 looks on a white background.

Color Contrast Check

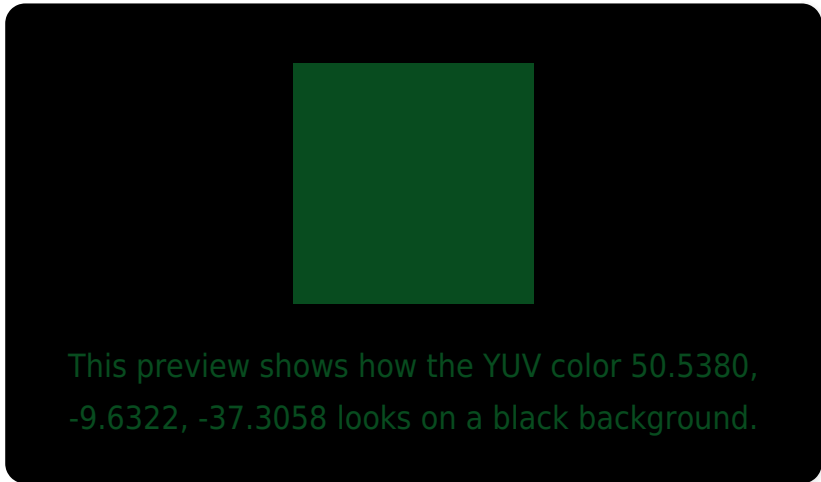
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5380, -9.6322, -37.3058

Background



This preview shows how black text looks on a background with the YUV color 50.5380, -9.6322, -37.3058.



This preview shows how white text looks on a background with the YUV color 50.5380, -9.6322,

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

50.5380, -9.6322, -37.3058

Protanopia

63.1740, -17.3408, 8.6174

Deuteranopia

64.3040, -14.4469, 13.7654



Tritanopia

59.7240, 8.5171, -25.1909

Trichromacy



Original Color

50.5380, -9.6322, -37.3058

Protanomaly

58.4600, -14.5238, -8.2964

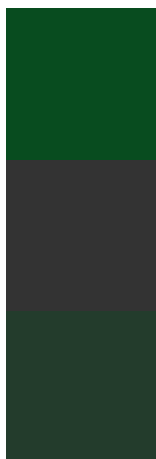
Deuteranomaly

59.3510, -12.4980, -4.6928

Tritanomaly

56.5680, 1.6920, -29.4391

Monochromacy



Original Color

50.5380, -9.6322, -37.3058

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7010, -3.3036, -13.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.5380, -9.6322, -37.3058 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(8, 76, 31)` looks like.

```
.text, #text, p{  
    color:rgb(8, 76, 31)  
}
```

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(8, 76, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 76, 31) }
```

Border

The CSS property to change the border of an element to YUV 50.5380, -9.6322, -37.3058 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(8, 76, 31) }
```


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

```
.border{ border-color:rgb(8, 76, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 76, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 76, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 76, 31); box-shadow:4px  
4px 4px 4px rgb(8, 76, 31) }
```

Background

The CSS property to change the background color of an element to YUV 50.5380, -9.6322, -37.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 76, 31) }
```

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

```
.background{ background-color: rgb(8, 76,  
31) }
```

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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