

Converting Colors

YUV(50.0820, -11.3794,
-36.9059)

Have a look what the booklet for
YUV(50.0820, -11.3794, -36.9059)
contains.

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Color

**YUV(50.0820, -11.3794,
-36.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	084C1B
RGB	8, 76, 27
RGB Percent	3%, 30%, 11%
CMY	0.9686, 0.7020, 0.8941
CMYK	0.89, 0.00, 0.64, 0.70
HSL	137°, 81%, 16%
HSV	137°, 89%, 30%
XYZ	2.8824, 5.2996, 1.9079
YIQ	50.0820, -24.7990, -29.6550

Conversions

Conversions Part 2

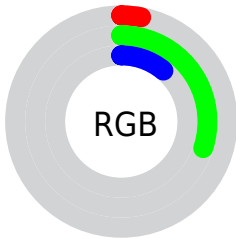
Format	Color
RYB	8, 61, 76
Decimal	543771
CIELab	27.57, -31.89, 23.18
CIELCh	28, 39.420, 143.989
Yxy	5.2996, 0.2857, 0.5252
Android (android.graphics.Color)	4278733851 (0xFF084C1B)
YUV	50.0820, -11.3794, -36.9059
Hunter-Lab	23.0209, -17.9370, 11.2008

Details

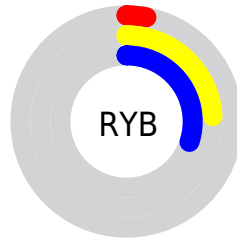
The YUV color **50.0820, -11.3794, -36.9059** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **33.9180, 11.3794, 36.9059**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6050, -14.5953, -32.1026**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **47.1200, -12.3842, -41.3242**, and if you desaturate by 10%, it is **53.0440, -10.3747, -32.4876**.

Distribution



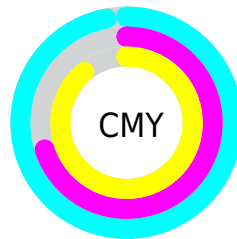
- Red (3%)
- Green (30%)
- Blue (11%)



- Red (3%)
- Yellow (24%)
- Blue (30%)



- Cyan (89%)
- Magenta (0%)
- Yellow (64%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0820, -11.3794, -36.9059 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 50.0820, -11.3794, -36.9059 by changing the saturation by 10% instead.

■ 50.0820, -11.3794,
-36.9059

■ 50.0820, -11.3794,
-36.9059

255.0000, 0.0000,
0.0000

■ 31.4530, -14.0273,
-27.5843

■ 101.6050,
-14.5953, -32.1026

■ 19.3710, -9.5499,
-16.9884

■ 127.3770,
-15.4689, -31.9026

■ 0.0000, 0.0000,
0.0000

■ 153.9640,
-15.7583, -32.4174

■ 181.4370,
-16.4844, -32.8322

■ 208.9100,
-17.2106, -33.2471

■ 232.2140,

-14.8955, -29.1287

■ 243.7780, -6.7926,
-14.7143

■ 50.0820, -11.3794,
-36.9059

■ 50.0820, -11.3794,
-36.9059

■ 47.1200, -12.3842,
-41.3242

■ 53.0440, -10.3747,
-32.4876

■ 47.0060, -12.8210,
-41.2243

■ 55.8210, -8.7858,
-28.7840

■ 58.7830, -7.7810,
-24.3657

■ 61.5600, -6.1921,
-20.6621

■ 64.5220, -5.1873,
-16.2438

■ 67.5980, -3.7458,
-11.9254

■ 70.2610, -2.5937,
-8.1219

■ 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.



58.4210, -28.8016, -2.1232



50.0820, -11.3794, -36.9059



52.9850, 2.4724, -46.4678

Triad

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



50.0820, -11.3794, -36.9059



55.9270, 34.0530, -49.0480



61.2020, -9.4666, 49.8118

Complementary

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



50.0820, -11.3794, -36.9059



33.9180, 11.3794, 36.9059

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.



62.6650, 5.0952, 45.8978



50.0820, -11.3794, -36.9059



64.5620, 27.8239, -11.0169

Square

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



50.0820, -11.3794, -36.9059



58.1950, 27.5119, -51.0370



66.3340, 17.0903, 25.1401



62.1670, -23.2533, 38.4415

Rectangle

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



50.0820, -11.3794, -36.9059



55.3790, 11.6452, -48.5674



66.3340, 17.0903, 25.1401



61.4670, -4.6672, 50.4564

Sweetspot

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



50.0820, -11.3794, -36.9059



89.0600, -4.4666, -14.0846



62.8660, -27.0489, -4.2675



44.8480, -2.8831, -8.6367



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.



50.0820, -11.3794, -36.9059



61.3050, -16.4194, -53.7645



53.8440, 3.0349, -40.2052



36.4620, -0.7208, -2.1592



63.0660, -17.2875, -55.3089



142.3060, -38.6049, -124.8024

Inverse Universe

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



33.9180, 11.3794, 36.9059



37.8090, 16.8562, 53.6645



30.1560, -3.0349, 40.2052



35.5380, 0.7208, 2.1592



38.9340, 17.2875, 55.3089



87.5800, 38.1681, 124.9023

Previews

White Background



This preview shows how the YUV color 50.0820, -11.3794, -36.9059 looks on a white background.

Color Contrast Check

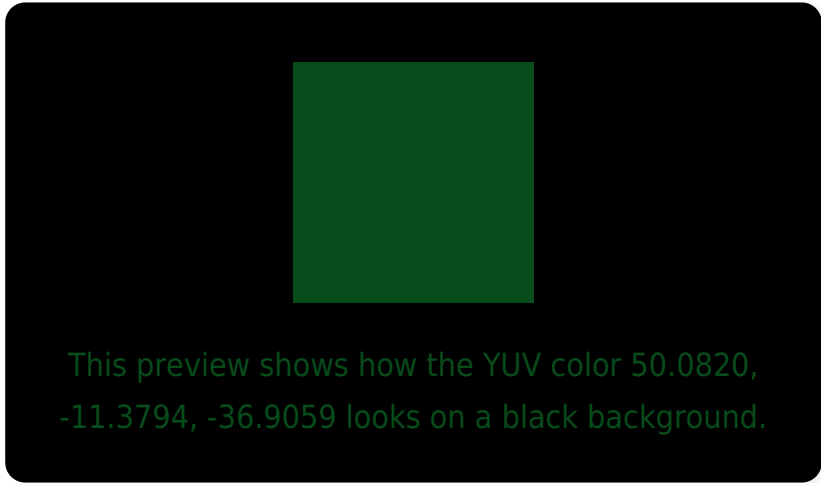
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0820, -11.3794, -36.9059

Background



This preview shows how black text looks on a background with the YUV color 50.0820, -11.3794, -36.9059.



This preview shows how white text looks on a background with the YUV color 50.0820, -11.3794,

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

50.0820, -11.3794, -36.9059

Protanopia

62.7180, -19.0880, 9.0173

Deuteranopia

63.8480, -16.1941, 14.1653



Tritanopia

59.7240, 8.5171, -25.1909

Trichromacy



Original Color

50.0820, -11.3794, -36.9059

Protanomaly

58.0040, -16.2710, -7.8965

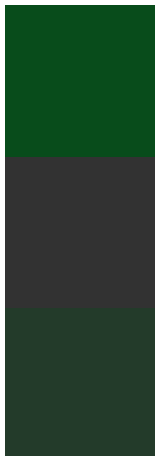
Deuteranomaly

58.8950, -14.2452, -4.2929

Tritanomaly

56.4540, 1.2552, -29.3392

Monochromacy



Original Color

50.0820, -11.3794, -36.9059

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8860, -3.8878, -13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0820, -11.3794, -36.9059 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, 27)` looks like.

```
.text, #text, p{  
    color:rgb(8, 76, 27)  
}
```

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, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 76, 27) }
```

Border

The CSS property to change the border of an element to YUV 50.0820, -11.3794, -36.9059 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, 27) }
```


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

```
.border{ border-color:rgb(8, 76, 27) }
```

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, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 76, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 76, 27); box-shadow:4px  
4px 4px 4px rgb(8, 76, 27) }
```

Background

The CSS property to change the background color of an element to YUV 50.0820, -11.3794, -36.9059 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, 27) }
```

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

```
.background{ background-color: rgb(8, 76,  
27) }
```

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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