

Converting Colors

YUV(58.1880, -5.5157, -51.0309)

Have a look what the booklet for
YUV(58.1880, -5.5157, -51.0309)
contains.

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Color

**YUV(58.1880, -5.5157,
-51.0309)**

Conversions

Conversions Part 1

Format	Color
Hex	005A2F
RGB	0, 90, 47
RGB Percent	0%, 35%, 18%
CMY	1.0000, 0.6471, 0.8157
CMYK	1.00, 0.00, 0.48, 0.65
HSL	151°, 100%, 18%
HSV	151°, 100%, 35%
XYZ	4.1693, 7.5176, 3.9206
YIQ	58.1880, -39.8370, -32.4530

Conversions

Conversions Part 2

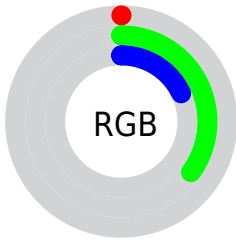
Format	Color
RYB	0, 59, 90
Decimal	23087
CIELab	32.96, -34.69, 18.37
CIELCh	33, 39.248, 152.099
Yxy	7.5176, 0.2671, 0.4817
Android (android.graphics.Color)	4278213167 (0xFF005A2F)
YUV	58.1880, -5.5157, -51.0309
Hunter-Lab	27.4182, -20.8388, 10.7147

Details

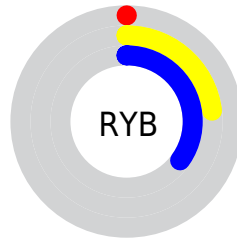
The YUV color **58.1880, -5.5157, -51.0309** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **31.8120, 5.5157, 51.0309**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2170, -9.4740, -41.4093**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **58.1880, -5.5157, -51.0309**, and if you desaturate by 10%, it is **61.3350, -5.0952, -45.8978**.

Distribution



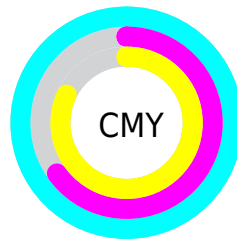
- Red (0%)
- Green (35%)
- Blue (18%)



- Red (0%)
- Yellow (23%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1880, -5.5157, -51.0309 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 58.1880, -5.5157, -51.0309 by changing the saturation by 10% instead.

■ 58.1880, -5.5157,
-51.0309

■ 58.1880, -5.5157,
-51.0309

255.0000, 0.0000,
0.0000

■ 41.5920, -8.1799,
-36.4762

■ 113.2170, -9.4740,
-41.4093

■ 25.2410, -12.4438,
-22.1364

■ 139.5760,
-10.6370, -41.7242

■ 10.5660, -5.2090,
-9.2664

■ 166.4620,
-11.0738, -41.6242

■ 0.0000, 0.0000,
0.0000

■ 194.0490,
-11.3632, -42.1390

■ 222.5220,
-12.0893, -42.5538

■ 235.8470, -4.8546,

-29.6838

■ 247.8240, 3.5378,
-14.7546

■ 58.1880, -5.5157,
-51.0309

■ 61.3350, -5.0952,
-45.8978

■ 64.5960, -4.2378,
-40.8647

■ 67.7430, -3.8173,
-35.7316

■ 70.8900, -3.3968,
-30.5985

■ 74.1510, -2.5394,
-25.5654

■ 77.2980, -2.1189,
-20.4323

■ 80.4450, -1.6984,
-15.2993

■ 83.5920, -1.2779,
-10.1662

■ 86.8530, -0.4205,
-5.1331

Harmonies

Analogous

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



70.1150, -24.7067, -8.8709



58.1880, -5.5157, -51.0309



63.0100, 7.8831, -55.2598

Triad

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



58.1880, -5.5157, -51.0309



62.9200, 38.0004, -55.1808



75.5240, -14.5553, 48.6525

Complementary

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



58.1880, -5.5157, -51.0309



31.8120, 5.5157, 51.0309

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.



75.8350, 0.5743, 49.2567



58.1880, -5.5157, -51.0309



78.6560, 25.3126, 1.1787

Square

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



58.1880, -5.5157, -51.0309



66.7040, 32.1909, -58.4994



79.4660, 13.5743, 32.9173



75.2330, -26.7369, 35.7527

Rectangle

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



58.1880, -5.5157, -51.0309



65.4040, 17.0558, -57.3593



79.4660, 13.5743, 32.9173



75.5010, -9.6140, 50.4266

Sweetspot

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



58.1880, -5.5157, -51.0309



104.5970, -2.2663, -19.8176



65.9860, -32.5311, -19.2817



51.5810, -1.2724, -11.9105



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.



58.1880, -5.5157, -51.0309



75.6330, -7.2141, -66.3301



62.5030, 13.5560, -54.8151



44.2770, -0.1366, -2.8739



71.0680, -6.9355, -62.3266



153.2550, -14.4227, -134.4046

Inverse Universe

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



31.8120, 5.5157, 51.0309



41.3670, 7.2141, 66.3301



28.0840, -13.8454, 54.3003



42.8370, 0.5734, 2.7740



38.8180, 6.4987, 62.4266



83.7450, 14.4227, 134.4046

Previews

White Background



This preview shows how the YUV color 58.1880, -5.5157, -51.0309 looks on a white background.

Color Contrast Check

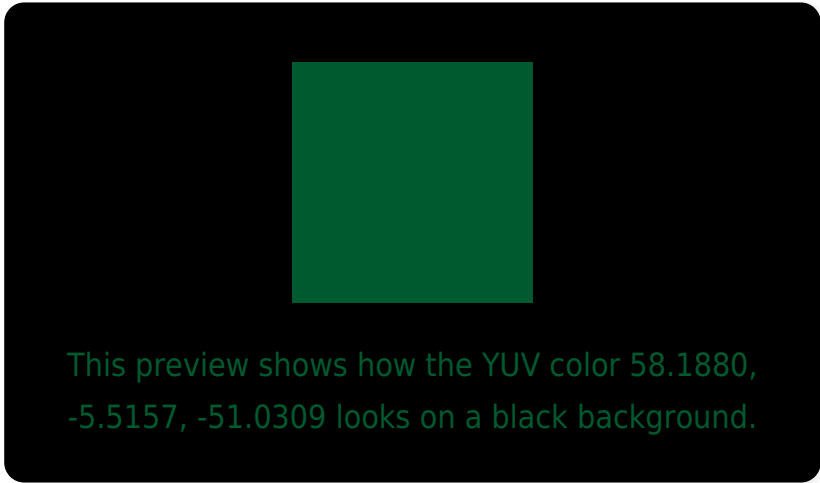
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.1880, -5.5157, -51.0309

Background



This preview shows how black text looks on a background with the YUV color 58.1880, -5.5157, -51.0309.

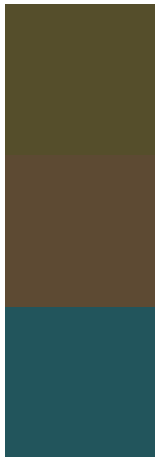


This preview shows how white text looks on a background with the YUV color 58.1880, -5.5157,

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



Protanopia

76.1030, -16.3198, 7.8027

Deuteranopia

77.0590, -12.8471, 13.9803

Tritanopia

70.5490, 10.5753, -32.0535

Trichromacy



Protanomaly

69.2960, -12.4709, -13.4146

Deuteranomaly

70.3010, -10.0084, -9.9110

Tritanomaly

66.3110, 4.7767, -38.8607

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3090, -2.1243, -18.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1880, -5.5157, -51.0309 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(0, 90, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 47)  
}
```

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(0, 90, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 47) }
```

Border

The CSS property to change the border of an element to YUV 58.1880, -5.5157, -51.0309 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(0, 90, 47) }
```

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

```
.border{ border-color:rgb(0, 90, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 90, 47); box-shadow:4px  
4px 4px 4px rgb(0, 90, 47) }
```


Background

The CSS property to change the background color of an element to YUV 58.1880, -5.5157, -51.0309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 47) }
```

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

```
.background{ background-color: rgb(0, 90,  
47) }
```

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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