

Converting Colors

YUV(61.2880, -13.9460,
-53.7496)

Have a look what the booklet for
YUV(61.2880, -13.9460, -53.7496)
contains.

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Color

**YUV(61.2880, -13.9460,
-53.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	006221
RGB	0, 98, 33
RGB Percent	0%, 38%, 13%
CMY	1.0000, 0.6157, 0.8706
CMYK	1.00, 0.00, 0.66, 0.62
HSL	140°, 100%, 19%
HSV	140°, 100%, 38%
XYZ	4.6422, 8.8452, 2.9015
YIQ	61.2880, -37.5430, -40.9910

Conversions

Conversions Part 2

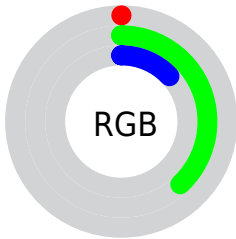
Format	Color
RYB	0, 73, 98
Decimal	25121
CIELab	35.68, -40.01, 29.37
CIELCh	36, 49.635, 143.716
Yxy	8.8452, 0.2833, 0.5397
Android (android.graphics.Color)	4278215201 (0xFF006221)
YUV	61.2880, -13.9460, -53.7496
Hunter-Lab	29.7408, -24.1847, 15.0344

Details

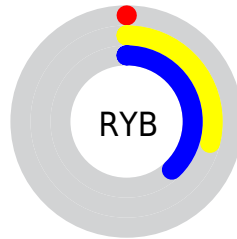
The YUV color **61.2880, -13.9460, -53.7496** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **36.7120, 13.9460, 53.7496**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8010, -18.6359, -42.7985**, and **29.3500, -14.4695, -25.7399** is the 20% darker color. If you saturate the color by 10%, you get **61.2880, -13.9460, -53.7496**, and if you desaturate by 10%, it is **64.9620, -12.7993, -48.2017**.

Distribution



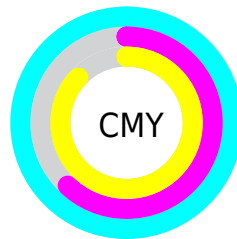
- Red (0%)
- Green (38%)
- Blue (13%)



- Red (0%)
- Yellow (29%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2880, -13.9460, -53.7496 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 61.2880, -13.9460, -53.7496 by changing the saturation by 10% instead.

61.2880, -13.9460,
-53.7496

61.2880, -13.9460,
-53.7496

255.0000, 0.0000,
0.0000

43.8770, -17.1944,
-38.4801

117.8010,
-18.6359, -42.7985

29.3500, -14.4695,
-25.7399

144.5730,
-19.5095, -42.5985

16.4360, -8.1029,
-14.4144

172.2310,
-20.8199, -42.2986

0.0000, 0.0000,
0.0000

199.8180,
-21.1093, -42.8134

224.1820,
-19.8097, -39.6246

236.0450,

-11.8542, -24.5955

■ 247.9080, -3.8986,
-9.5663

■ 61.2880, -13.9460,
-53.7496

■ 64.9620, -12.7993,
-48.2017

■ 68.7500, -11.2157,
-42.7537

■ 72.2390, -9.4848,
-37.9206

■ 75.9130, -8.3381,
-32.3727

■ 79.7010, -6.7546,
-26.9248

■ 83.3750, -5.6079,
-21.3769

■ 87.1630, -4.0244,
-15.9290

■ 90.5380, -2.7302,
-10.9958

■ 94.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



74.9450, -36.9479, -2.5828



61.2880, -13.9460, -53.7496



67.7230, 3.0946, -59.3931

Triad

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



61.2880, -13.9460, -53.7496



71.9990, 44.8635, -63.1431



77.8450, -11.2626, 65.9109

Complementary

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



61.2880, -13.9460, -53.7496



36.7120, 13.9460, 53.7496

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.



79.6330, 7.0829, 61.7119



61.2880, -13.9460, -53.7496



82.2330, 36.8601, -15.9903

Square

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



61.2880, -13.9460, -53.7496



74.9850, 35.9964, -65.7618



85.8710, 22.7416, 32.5621



79.2950, -30.7114, 50.6073

Rectangle

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



61.2880, -13.9460, -53.7496



71.5020, 15.0355, -62.7073



85.8710, 22.7416, 32.5621



77.7510, -5.3002, 66.8704

Sweetspot

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



61.2880, -13.9460, -53.7496



113.3750, -5.6079, -21.3769



76.9610, -37.9418, -10.4898



55.4130, -3.1616, -12.6402



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



61.2880, -13.9460, -53.7496



80.0380, -18.2597, -70.1933



66.8740, 7.4571, -58.6485



46.4620, -0.7208, -2.1592



70.0760, -15.8135, -61.4567



150.1140, -34.0732, -131.6500

Inverse Universe

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



36.7120, 13.9460, 53.7496



47.9620, 18.2597, 70.1933



31.1260, -7.4571, 58.6485



45.5380, 0.7208, 2.1592



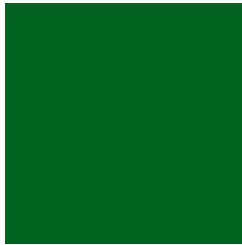
41.9240, 15.8135, 61.4567



89.8860, 34.0732, 131.6500

Previews

White Background



This preview shows how the YUV color 61.2880, -13.9460, -53.7496 looks on a white background.

Color Contrast Check

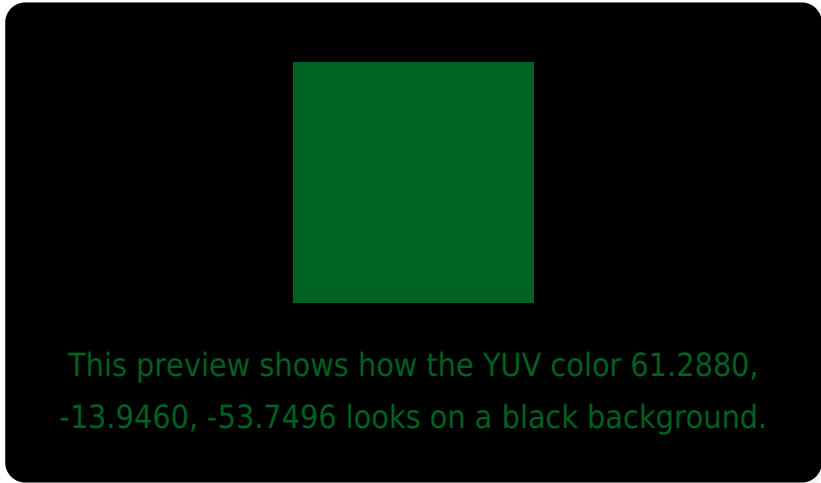
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.2880, -13.9460, -53.7496

Background



This preview shows how black text looks on a background with the YUV color 61.2880, -13.9460, -53.7496.



This preview shows how white text looks on a background with the YUV color 61.2880, -13.9460,

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

80.7200, -25.4980, 11.6466

Deuteranopia

82.5020, -21.4465, 18.8537

Tritanopia

77.2500, 10.7227, -32.6683

Trichromacy



Protanomaly

73.6030, -21.4963, -11.9298

Deuteranomaly

75.0210, -18.7444, -7.9114

Tritanomaly

71.2030, 1.8719, -40.5200

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9130, -4.8871, -19.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2880, -13.9460, -53.7496 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, 98, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 33)  
}
```

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, 98, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 33) }
```

Border

The CSS property to change the border of an element to YUV 61.2880, -13.9460, -53.7496 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, 98, 33) }
```

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

```
.border{ border-color:rgb(0, 98, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 98, 33); box-shadow:4px  
4px 4px 4px rgb(0, 98, 33) }
```


Background

The CSS property to change the background color of an element to YUV 61.2880, -13.9460, -53.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 33) }
```

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

```
.background{ background-color: rgb(0, 98,  
33) }
```

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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