

Converting Colors

YUV(67.5380, -33.2962,
-53.9688)

Have a look what the booklet for
YUV(67.5380, -33.2962, -53.9688)
contains.

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Color

**YUV(67.5380, -33.2962,
-53.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	067000
RGB	6, 112, 0
RGB Percent	2%, 44%, 0%
CMY	0.9765, 0.5608, 1.0000
CMYK	0.95, 0.00, 1.00, 0.56
HSL	117°, 100%, 22%
HSV	117°, 100%, 44%
XYZ	5.8693, 11.6271, 1.9349
YIQ	67.5380, -27.2240, -57.3040

Conversions

Conversions Part 2

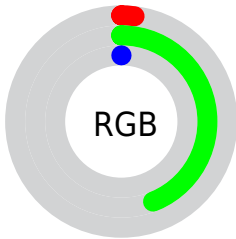
Format	Color
RYB	0, 112, 106
Decimal	421888
CIELab	40.62, -46.41, 45.42
CIElCh	41, 64.940, 135.615
Yxy	11.6271, 0.3021, 0.5984
Android (android.graphics.Color)	4278611968 (0xFF067000)
YUV	67.5380, -33.2962, -53.9688
Hunter-Lab	34.0985, -28.9476, 20.5045

Details

The YUV color **67.5380, -33.2962, -53.9688** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **44.4620, 33.2962, 53.9688**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0170, -33.0394, -42.9879**, and **36.3940, -17.9422, -31.9175** is the 20% darker color. If you saturate the color by 10%, you get **67.5380, -33.2962, -53.9688**, and if you desaturate by 10%, it is **72.0810, -30.1129, -48.3060**.

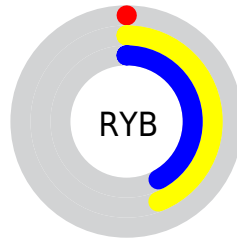
Distribution



Red (2%)

Green (44%)

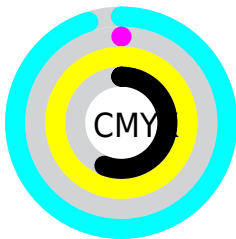
Blue (0%)



Red (0%)

Yellow (44%)

Blue (42%)

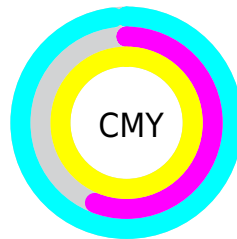


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (98%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5380, -33.2962, -53.9688 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 67.5380, -33.2962, -53.9688 by changing the saturation by 10% instead.

■ 67.5380, -33.2962,
-53.9688

■ 67.5380, -33.2962,
-53.9688

■ 254.4300, -2.1840,
0.4999

■ 51.0690, -25.1770,
-44.7875

■ 127.0170,
-33.0394, -42.9879

■ 36.3940, -17.9422,
-31.9175

■ 154.0880,
-34.0604, -42.1732

■ 24.6540, -12.1544,
-21.6216

■ 182.4470,
-35.2234, -42.4880

■ 2.3480, -1.1576,
-2.0592

■ 211.2190,
-36.0970, -42.2881


■ 0.0000, 0.0000,
0.0000


■ 225.6040,
-29.8778, -30.3477


■ 237.4670,


-21.9222, -15.3186


 249.6290,
-14.1141, 0.3254


 67.5380, -33.2962,
-53.9688

 72.0810, -30.1129,
-48.3060

 76.3250, -26.7822,
-43.2580

 80.9820, -23.1621,
-37.6952

 85.2260, -19.8314,
-32.6472

 89.7690, -16.6481,
-26.9844

■ 94.3120, -13.4648,
-21.3216

■ 98.5560, -10.1341,
-16.2736

■ 103.2130, -6.5140,
-10.7108

■ 107.4570, -3.1833,
-5.6628

Harmonies

Analogous

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



87.0830, -42.9319, 3.4352



67.5380, -33.2962, -53.9688



76.3170, -4.5933, -66.9300

Triad

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



67.5380, -33.2962, -53.9688



86.7830, 55.8160, -76.1087



77.5080, -3.2084, 96.0245

Complementary

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



67.5380, -33.2962, -53.9688



44.4620, 33.2962, 53.9688

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.



84.9570, 19.2482, 79.8447



67.5380, -33.2962, -53.9688



77.3910, 60.4462, -67.8719

Square

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



67.5380, -33.2962, -53.9688



88.1730, 40.8337, -77.3277



97.4050, 36.2823, 29.4628



86.0530, -33.5501, 74.4985

Rectangle

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



67.5380, -33.2962, -53.9688



81.2360, 11.7157, -71.2440



97.4050, 36.2823, 29.4628



75.9240, 5.9535, 97.4137

Sweetspot

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



67.5380, -33.2962, -53.9688



127.8390, -12.7386, -20.9068



95.1230, -46.8956, 14.8011



63.4470, -8.1084, -12.6700



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



67.5380, -33.2962, -53.9688



87.5070, -43.1410, -69.7276



71.3300, -11.0087, -62.5564



53.8210, -1.8838, -2.4740



72.2340, -35.6114, -58.0872



148.8760, -73.3959, -119.1633

Inverse Universe

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



44.4620, 33.2962, 53.9688



57.7920, 42.9935, 70.3424



40.6700, 11.0087, 62.5564



52.4780, 1.7363, 3.0888



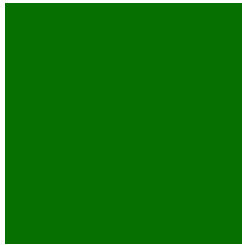
47.4670, 35.7588, 57.4724



98.1240, 73.3959, 119.1633

Previews

White Background



This preview shows how the YUV color 67.5380, -33.2962, -53.9688 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 67.5380, -33.2962, -53.9688

Background



This preview shows how black text looks on a background with the YUV color 67.5380, -33.2962, -53.9688.



This preview shows how white text looks on a background with the YUV color 67.5380, -33.2962, -53.9688.

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

67.5380, -33.2962, -53.9688

Protanopia

88.6440, -43.7015, 16.9752

Deuteranopia

92.0330, -33.5403, 24.5271



Tritanopia

87.9830, 12.3334, -35.9421

Trichromacy



Original Color

67.5380, -33.2962, -53.9688

Protanomaly

81.1030, -39.9838, -8.8603

Deuteranomaly

83.4440, -33.7429, -3.8974

Tritanomaly

80.5850, -4.2324, -42.6090

Monochromacy



Original Color

67.5380, -33.2962, -53.9688

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6650, -12.1598, -19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5380, -33.2962, -53.9688 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(6, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(6, 112, 0)  
}
```

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(6, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 112, 0) }
```

Border

The CSS property to change the border of an element to YUV 67.5380, -33.2962, -53.9688 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(6, 112, 0) }
```


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

```
.border{ border-color:rgb(6, 112, 0) }
```

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

Here you see how a box with a 4 pixel rgb(6, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 112, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 112, 0); box-shadow:4px  
4px 4px 4px rgb(6, 112, 0) }
```

Background

The CSS property to change the background color of an element to YUV 67.5380, -33.2962, -53.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 112, 0) }
```

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

```
.background{ background-color: rgb(6, 112,  
0) }
```

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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