

Converting Colors

YUV(67.5050, -33.2800,
-59.2019)

Have a look what the booklet for
YUV(67.5050, -33.2800, -59.2019)
contains.

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Color

**YUV(67.5050, -33.2800,
-59.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	007300
RGB	0, 115, 0
RGB Percent	0%, 45%, 0%
CMY	1.0000, 0.5490, 1.0000
CMYK	1.00, 0.00, 1.00, 0.55
HSL	120°, 100%, 23%
HSV	120°, 100%, 45%
XYZ	6.1307, 12.2615, 2.0436
YIQ	67.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

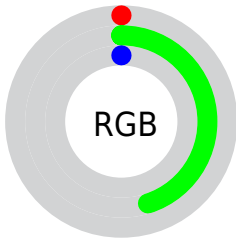
Format	Color
RYB	0, 115, 115
Decimal	29440
CIELab	41.63, -47.88, 46.21
CIELCh	42, 66.540, 136.016
Yxy	12.2615, 0.3000, 0.6000
Android (android.graphics.Color)	4278219520 (0xFF007300)
YUV	67.5050, -33.2800, -59.2019
Hunter-Lab	35.0164, -30.0265, 21.0513

Details

The YUV color **67.5050, -33.2800, -59.2019** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **47.4950, 33.2800, 59.2019**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4790, -33.7601, -45.1471**, and **38.1550, -18.8104, -33.4619** is the 20% darker color. If you saturate the color by 10%, you get **67.5050, -33.2800, -59.2019**, and if you desaturate by 10%, it is **72.0480, -30.0967, -53.5391**.

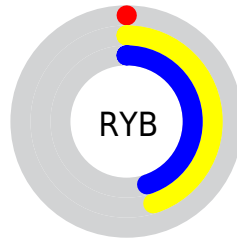
Distribution



Red (0%)

Green (45%)

Blue (0%)



Red (0%)

Yellow (45%)

Blue (45%)

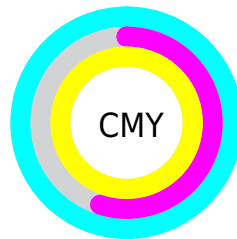


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5050, -33.2800, -59.2019 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 67.5050, -33.2800, -59.2019 by changing the saturation by 10% instead.

■ 67.5050, -33.2800,
-59.2019

■ 67.5050, -33.2800,
-59.2019

■ 254.5440, -1.7472,
0.3999

■ 52.8300, -26.0452,
-46.3319

■ 128.4790,
-33.7601, -45.1471

■ 38.1550, -18.8104,
-33.4619

■ 156.5500,
-34.7811, -44.3323

■ 25.8280, -12.7332,
-22.6512

■ 184.3220,
-35.6547, -44.1324

■ 6.4570, -3.1833,
-5.6628

■ 212.7950,
-36.3809, -44.5472


■ 0.0000, 0.0000,
0.0000


■ 225.7180,
-29.4410, -30.4477


■ 237.5810,


-21.4854, -15.4185


 249.7430,
-13.6773, 0.2254

 67.5050, -33.2800,
-59.2019

 72.0480, -30.0967,
-53.5391

 77.0040, -26.6240,
-47.3615

 81.9600, -23.1513,
-41.1839

 86.5030, -19.9680,
-35.5211

 91.4590, -16.4953,
-29.3435

■ 96.0020, -13.3120,
-23.6808

■ 100.9580, -9.8393,
-17.5032

■ 105.5010, -6.6560,
-11.8404

■ 110.4570, -3.1833,
-5.6628

Harmonies

Analogous

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



89.4420, -44.0949, 3.1204



67.5050, -33.2800, -59.2019



78.4200, -4.1511, -68.7743

Triad

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



67.5050, -33.2800, -59.2019



89.2280, 57.5686, -78.2530



79.1170, -3.5087, 98.9984

Complementary

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



67.5050, -33.2800, -59.2019



47.4950, 33.2800, 59.2019

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.



86.0930, 19.6742, 83.2334



67.5050, -33.2800, -59.2019



79.1350, 62.0514, -69.4014

Square

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



67.5050, -33.2800, -59.2019



90.6180, 42.5863, -79.4720



99.6440, 37.1505, 31.0072



88.6080, -35.3027, 76.6428

Rectangle

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



67.5050, -33.2800, -59.2019



83.3390, 12.1579, -73.0883



99.6440, 37.1505, 31.0072



77.0600, 6.3794, 100.8024

Sweetspot

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



67.5050, -33.2800, -59.2019



131.4150, -13.0226, -23.1660



101.8900, -50.2318, 11.4975



65.4360, -8.1029, -14.4144



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



67.5050, -33.2800, -59.2019



88.0500, -43.4087, -77.2198



74.1170, -7.9457, -65.0006



56.5220, -1.7363, -3.0888



71.6140, -35.3057, -62.8055



146.7500, -72.3478, -128.6997

Inverse Universe

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



47.4950, 33.2800, 59.2019



61.9500, 43.4087, 77.2198



40.9970, 8.3825, 64.9006



55.4780, 1.7363, 3.0888



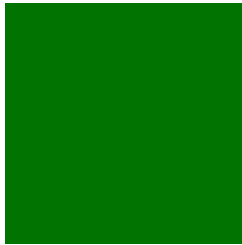
50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 67.5050, -33.2800, -59.2019 looks on a white background.

Color Contrast Check

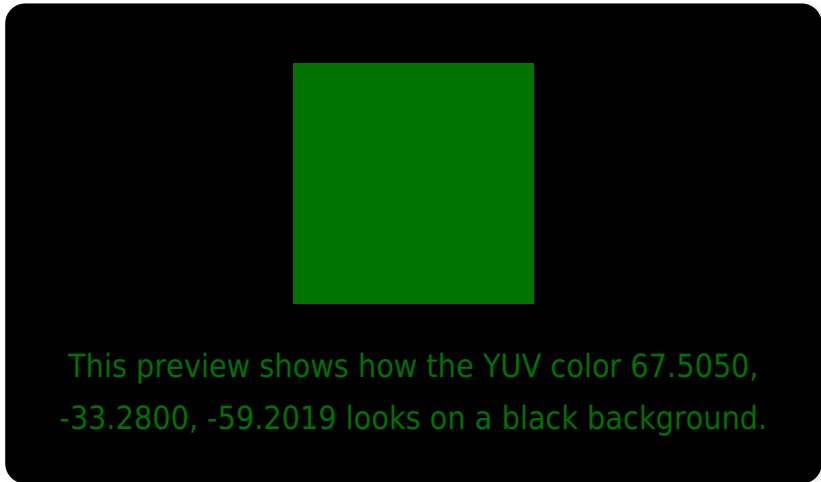
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.5050, -33.2800, -59.2019

Background



This preview shows how black text looks on a background with the YUV color 67.5050, -33.2800, -59.2019.

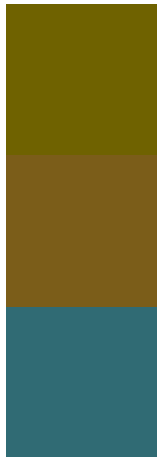


This preview shows how white text looks on a background with the YUV color 67.5050, -33.2800,

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

90.7150, -44.7225, 17.7899

Deuteranopia

94.2180, -34.1245, 25.2418

Tritanopia

90.3850, 12.6282, -37.1716

Trichromacy



Protanomaly

82.2770, -40.5626, -9.8899

Deuteranomaly

84.4330, -33.7375, -5.6417

Tritanomaly

82.2750, -4.0796, -44.9682

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6540, -12.1544, -21.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5050, -33.2800, -59.2019 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, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 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(0, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 0) }
```

Border

The CSS property to change the border of an element to YUV 67.5050, -33.2800, -59.2019 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, 115, 0) }
```

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

```
.border{ border-color:rgb(0, 115, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 115, 0); box-shadow:4px  
4px 4px 4px rgb(0, 115, 0) }
```


Background

The CSS property to change the background color of an element to YUV 67.5050, -33.2800, -59.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 0) }
```

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

```
.background{ background-color: rgb(0, 115,  
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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