

Converting Colors

YUV(77.2290, -1.0989, -67.7298)

Have a look what the booklet for
YUV(77.2290, -1.0989, -67.7298)
contains.

YUV(77.2290, -1.0989, -67.7298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.2290, -1.0989,
-67.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	00754B
RGB	0, 117, 75
RGB Percent	0%, 46%, 29%
CMY	1.0000, 0.5412, 0.7059
CMYK	1.00, 0.00, 0.36, 0.54
HSL	158°, 100%, 23%
HSV	158°, 100%, 46%
XYZ	7.6313, 13.2306, 8.8082
YIQ	77.2290, -56.2500, -37.8660

Conversions

Conversions Part 2

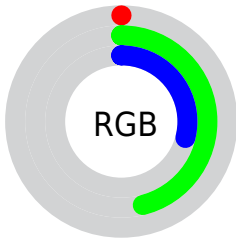
Format	Color
RYB	0, 71, 117
Decimal	30027
CIELab	43.11, -39.08, 15.41
CIELCh	43, 42.006, 158.473
Yxy	13.2306, 0.2572, 0.4459
Android (android.graphics.Color)	4278220107 (0xFF00754B)
YUV	77.2290, -1.0989, -67.7298
Hunter-Lab	36.3739, -26.2047, 11.1043

Details

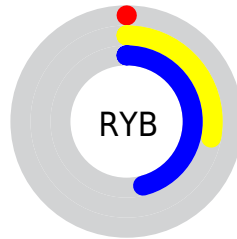
The YUV color **77.2290, -1.0989, -67.7298** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **39.7710, 1.0989, 67.7298**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3510, -6.0890, -53.8048**, and **42.8630, -5.8485, -37.5909** is the 20% darker color. If you saturate the color by 10%, you get **77.2290, -1.0989, -67.7298**, and if you desaturate by 10%, it is **81.2730, -1.1206, -60.7524**.

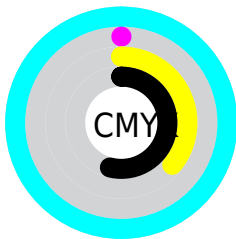
Distribution



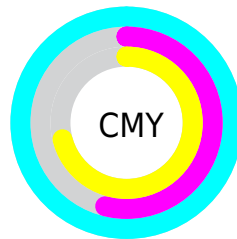
- Red (0%)
- Green (46%)
- Blue (29%)



- Red (0%)
- Yellow (28%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (71%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2290, -1.0989, -67.7298 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 77.2290, -1.0989, -67.7298 by changing the saturation by 10% instead.

■ 77.2290, -1.0989,
-67.7298

■ 77.2290, -1.0989,
-67.7298

255.0000, 0.0000,
0.0000

■ 59.9320, -3.9105,
-52.5604

■ 136.3510, -6.0890,
-53.8048

■ 42.8630, -5.8485,
-37.5909

■ 164.1230, -6.9626,
-53.6049

■ 27.3270, -9.5282,
-23.9658

■ 192.0090, -7.3994,
-53.5049

■ 11.1530, -5.4984,
-9.7812

■ 220.4820, -8.1256,
-53.9197

■ 0.0000, 0.0000,
0.0000

■ 232.3450, -0.1701,
-38.8906

■ 243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

77.2290, -1.0989,
-67.7298

81.2730, -1.1206,
-60.7524

85.0180, -0.9949,
-54.3898

89.1760, -0.5798,
-47.5124

93.2200, -0.6015,
-40.5349

97.2640, -0.6232,
-33.5575

■ 101.0090, -0.4974,
-27.1949

■ 105.0530, -0.5191,
-20.2175

■ 109.2110, -0.1040,
-13.3400

■ 112.9560, 0.0217,
-6.9774

Harmonies

Analogous

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



92.8860, -24.1008, -16.5630



77.2290, -1.0989, -67.7298



82.5070, 14.0470, -72.3586

Triad

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



77.2290, -1.0989, -67.7298



94.9160, 37.5094, -37.6373



100.4660, -19.9497, 52.2113

Complementary

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



77.2290, -1.0989, -67.7298



39.7710, 1.0989, 67.7298

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.



101.0270, -3.9573, 56.1043



77.2290, -1.0989, -67.7298



104.4230, 25.4275, 11.0300

Square

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



77.2290, -1.0989, -67.7298



84.6680, 40.0967, -74.2538



104.0650, 11.8000, 42.0390



99.5660, -31.8310, 36.3376

Rectangle

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



77.2290, -1.0989, -67.7298



84.5420, 24.3828, -74.1433



104.0650, 11.8000, 42.0390



100.5680, -14.5770, 55.6299

Sweetspot

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



77.2290, -1.0989, -67.7298



137.4220, -0.2080, -26.6801



81.5360, -40.1972, -33.7961



67.4880, -0.2406, -16.2140



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.



77.2290, -1.0989, -67.7298



100.9830, -1.4706, -88.5621



72.6250, 21.8769, -63.6921



56.9780, 0.0108, -3.4887



80.5060, -1.2355, -70.6038



164.9900, -2.4601, -144.6962

Inverse Universe

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



39.7710, 1.0989, 67.7298



52.0170, 1.4706, 88.5621



44.3750, -21.8769, 63.6921



55.0220, -0.0108, 3.4887



41.4940, 1.2355, 70.6038



85.0100, 2.4601, 144.6962

Previews

White Background



This preview shows how the YUV color 77.2290, -1.0989, -67.7298 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



This preview shows how the YUV color 77.2290, -1.0989, -67.7298 looks on a 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 77.2290, -1.0989, -67.7298

Background



This preview shows how black text looks on a background with the YUV color 77.2290, -1.0989, -67.7298.



This preview shows how white text looks on a background with the YUV color 77.2290, -1.0989, -67.7298.

-67.7298.

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

77.2290, -1.0989, -67.7298

Protanopia

100.5160, -16.0304, 8.3175

Deuteranopia

102.1130, -11.3947, 14.8099



Tritanopia

91.0960, 14.2497, -43.9342

Trichromacy



Original Color

77.2290, -1.0989, -67.7298



Protanomaly

91.8330, -10.2707, -19.1475



Deuteranomaly

93.2510, -7.5187, -15.1291



Tritanomaly

85.9610, 8.8932, -52.5858

Monochromacy



Original Color

77.2290, -1.0989, -67.7298



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

77.3190, -0.6503, -24.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2290, -1.0989, -67.7298 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, 117, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 75)  
}
```

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, 117, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 75) }
```

Border

The CSS property to change the border of an element to YUV 77.2290, -1.0989, -67.7298 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, 117, 75) }
```


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

```
.border{ border-color:rgb(0, 117, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 75);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.2290, -1.0989, -67.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 75) }
```

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

```
.background{ background-color: rgb(0, 117,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor