

Converting Colors

YUV(59.6190, -29.3922,
-46.1469)

Have a look what the booklet for
YUV(59.6190, -29.3922, -46.1469)
contains.

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Color

**YUV(59.6190, -29.3922,
-46.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	076200
RGB	7, 98, 0
RGB Percent	3%, 38%, 0%
CMY	0.9725, 0.6157, 1.0000
CMYK	0.93, 0.00, 1.00, 0.62
HSL	116°, 100%, 19%
HSV	116°, 100%, 38%
XYZ	4.4553, 8.7805, 1.4600
YIQ	59.6190, -22.7780, -49.7700

Conversions

Conversions Part 2

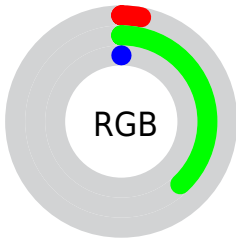
Format	Color
RYB	0, 98, 91
Decimal	483840
CIELab	35.56, -41.95, 41.38
CIELCh	36, 58.926, 135.395
Yxy	8.7805, 0.3032, 0.5975
Android (android.graphics.Color)	4278673920 (0xFF076200)
YUV	59.6190, -29.3922, -46.1469
Hunter-Lab	29.6320, -25.0176, 17.8211

Details

The YUV color **59.6190, -29.3922, -46.1469** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **38.3810, 29.3922, 46.1469**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5600, -29.8561, -37.3251**, and **29.3500, -14.4695, -25.7399** is the 20% darker color. If you saturate the color by 10%, you get **59.6190, -29.3922, -46.1469**, and if you desaturate by 10%, it is **63.4500, -26.3508, -41.6136**.

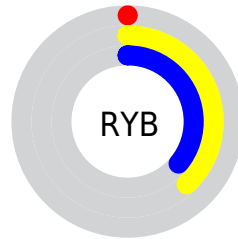
Distribution



Red (3%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (36%)

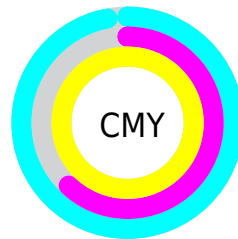


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (97%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6190, -29.3922, -46.1469 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 59.6190, -29.3922, -46.1469 by changing the saturation by 10% instead.

■ 59.6190, -29.3922,
-46.1469

■ 59.6190, -29.3922,
-46.1469

■ 253.7460, -4.8048,
1.0998

■ 42.8510, -21.1255,
-37.5803

■ 116.5600,
-29.8561, -37.3251

■ 29.3500, -14.4695,
-25.7399

■ 143.3320,
-30.7297, -37.1252

■ 16.4360, -8.1029,
-14.4144

■ 171.1040,
-31.6033, -36.9252


■ 0.0000, 0.0000,
0.0000


■ 198.5770,
-32.3295, -37.3400

■ 223.2400,
-31.1773, -33.5365


■ 234.6900,


-23.5112, -19.0221


 246.8520,
-15.7030, -3.3782


 59.6190, -29.3922,
-46.1469

 63.4500, -26.3508,
-41.6136

 67.2810, -23.3095,
-37.0804

 70.9980, -20.7050,
-32.4472

 74.8290, -17.6637,
-27.9140

 78.9590, -14.7698,
-22.7660

■ 82.7900, -11.7285,
-18.2328

■ 86.6210, -8.6872,
-13.6996

■ 90.3380, -6.0826,
-9.0664

■ 94.1690, -3.0413,
-4.5332

Harmonies

Analogous

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



76.1630, -37.5484, 3.3650



59.6190, -29.3922, -46.1469



66.4860, -4.1836, -58.3082

Triad

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



59.6190, -29.3922, -46.1469



76.4160, 49.0949, -67.0168



68.1430, -3.0285, 84.9436

Complementary

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



59.6190, -29.3922, -46.1469



38.3810, 29.3922, 46.1469

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.



74.0330, 17.2387, 71.0081



59.6190, -29.3922, -46.1469



67.6110, 53.4358, -59.2948

Square

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



59.6190, -29.3922, -46.1469



76.9740, 36.0018, -67.5062



84.7590, 32.6568, 25.6444



75.6220, -29.8866, 66.1065

Rectangle

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



59.6190, -29.3922, -46.1469



71.4220, 9.6520, -62.6371



84.7590, 32.6568, 25.6444



66.6190, 5.1178, 85.4031

Sweetspot

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



59.6190, -29.3922, -46.1469



112.7900, -11.7285, -18.2328



82.1320, -40.4911, 13.9162



54.8000, -6.8034, -11.2256



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.



59.6190, -29.3922, -46.1469



77.8270, -38.3687, -60.3613



62.2000, -10.4516, -54.5494



46.3480, -1.1576, -2.0592



68.1360, -33.5910, -52.7393



145.9630, -71.9598, -113.1006

Inverse Universe

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



38.3810, 29.3922, 46.1469



49.8740, 38.5161, 59.7465



35.8000, 10.4516, 54.5494



45.6520, 1.1576, 2.0592



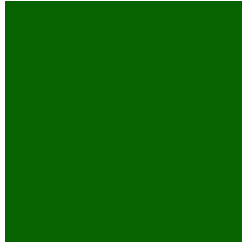
43.8640, 33.5910, 52.7393



94.0370, 71.9598, 113.1006

Previews

White Background



This preview shows how the YUV color 59.6190, -29.3922, -46.1469 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 59.6190, -29.3922, -46.1469

Background



This preview shows how black text looks on a background with the YUV color 59.6190, -29.3922, -46.1469.



This preview shows how white text looks on a background with the YUV color 59.6190, -29.3922, -46.1469.

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

77.4140, -38.1651, 14.5459

Deuteranopia

80.1620, -29.1669, 21.7829

Tritanopia

77.1470, 10.2805, -30.8239

Trichromacy



Protanomaly

70.7810, -34.8950, -7.7009

Deuteranomaly

72.5950, -29.3803, -3.1528

Tritanomaly

70.9170, -4.3961, -36.7612

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0290, -10.8603, -16.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6190, -29.3922, -46.1469 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(7, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 98, 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(7, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 98, 0) }
```

Border

The CSS property to change the border of an element to YUV 59.6190, -29.3922, -46.1469 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(7, 98, 0) }
```

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

```
.border{ border-color:rgb(7, 98, 0) }
```

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

Here you see how a box with a 4 pixel rgb(7, 98, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 98, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 98, 0); box-shadow:4px  
4px 4px 4px rgb(7, 98, 0) }
```


Background

The CSS property to change the background color of an element to YUV 59.6190, -29.3922, -46.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 98, 0) }
```

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

```
.background{ background-color: rgb(7, 98,  
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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