

Converting Colors

YIQ(60.5490, -16.5890,
-46.2930)

Have a look what the booklet for
YIQ(60.5490, -16.5890, -46.2930)
contains.

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Color

**YIQ(60.5490, -16.5890,
-46.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	105F00
RGB	16, 95, 0
RGB Percent	6%, 37%, 0%
CMY	0.9375, 0.6273, 1.0000
CMYK	0.83, 0.00, 1.00, 0.63
HSL	110°, 100%, 19%
HSV	110°, 100%, 37%
XYZ	4.3078, 8.3000, 1.3751
YIQ	60.5490, -16.5890, -46.2930

Conversions

Conversions Part 2

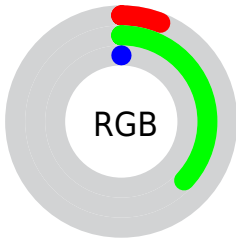
Format	Color
RYB	0, 95, 79
Decimal	1072896
CIELab	34.60, -39.83, 40.67
CIELCh	35, 56.926, 134.408
Yxy	8.3000, 0.3081, 0.5936
Android (android.graphics.Color)	4279262976 (0xFF105F00)
YUV	60.5490, -29.8507, -39.0695
Hunter-Lab	28.8097, -23.7265, 17.3369

Details

The YIQ color **60.5490, -16.5890, -46.2930** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **34.4510, 16.5890, 46.2930**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **114.6960, -12.5090, -43.1410**, and **27.5890, -12.9250, -24.5810** is the 20% darker color. If you saturate the color by 10%, you get **60.5490, -16.5890, -46.2930**, and if you desaturate by 10%, it is **64.0810, -15.0310, -41.4870**.

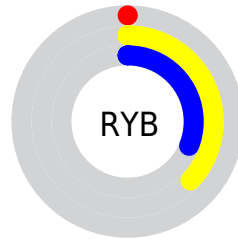
Distribution



Red (6%)

Green (37%)

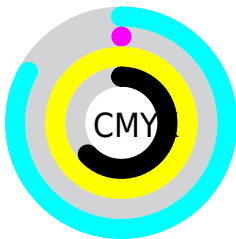
Blue (0%)



Red (0%)

Yellow (37%)

Blue (31%)

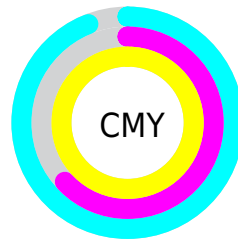


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (94%)


Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 60.5490, -16.5890, -46.2930 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 YIQ color 60.5490, -16.5890, -46.2930 by changing the saturation by 10% instead.


 60.5490, -16.5890,
-46.2930


 60.5490, -16.5890,
-46.2930


 253.6320, 3.8520,
-3.7320

 41.6770, -19.5250,
-37.1330

 115.2830,
-12.7840, -43.6640


 27.5890, -12.9250,
-24.5810


 141.4680,
-11.8670, -43.7630

 14.6750, -6.8750,
-13.0750

 169.2400,
-11.2250, -44.3850

 0.0000, 0.0000,
0.0000

 196.7130,
-11.1790, -45.2190

 223.3110, -9.9870,
-44.7950

 235.1740, -1.6910,

-29.9390

■ 247.0370, 6.6050,
-15.0830

■ 60.5490, -16.5890,
-46.2930

■ 64.0810, -15.0310,
-41.4870

■ 67.4990, -13.1520,
-36.9920

■ 71.0310, -11.5940,
-32.1860

■ 74.4490, -9.7150,
-27.6910

■ 77.6820, -8.7530,
-23.0970

■ 81.1000, -6.8740,
-18.6020

■ 84.6320, -5.3160,
-13.7960

■ 88.0500, -3.4370,
-9.3010

■ 91.5820, -1.8790,
-4.4950

Harmonies

Analogous

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



74.4020, 24.0300, -28.0180



60.5490, -16.5890, -46.2930



64.3830, -44.8800, -34.6720

Triad

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



60.5490, -16.5890, -46.2930



73.8570, -79.8240, 3.9200



66.9360, 69.0870, 42.0070

Complementary

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



60.5490, -16.5890, -46.2930



34.4510, 16.5890, 46.2930

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.



73.7720, 46.4820, 49.6980



60.5490, -16.5890, -46.2930



66.3400, -76.5700, 11.0300

Square

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



60.5490, -16.5890, -46.2930



75.1160, -73.7240, -7.5160



82.8080, 2.1020, 39.0140



73.4800, 69.2300, 11.8700

Rectangle

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



60.5490, -16.5890, -46.2930



69.2050, -55.7020, -25.7660



82.8080, 2.1020, 39.0140



66.8850, 65.0970, 48.2410

Sweetspot

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



60.5490, -16.5890, -46.2930



108.9260, -6.3240, -17.5560



74.1910, 35.1700, -20.6540



53.1100, -3.6660, -10.6580



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



60.5490, -16.5890, -46.2930



77.8930, -21.0340, -59.3540



59.1850, -35.7550, -40.3550



46.3480, -1.1000, -2.0920



71.4250, -19.4760, -54.5480



152.8400, -42.1600, -117.0400

Inverse Universe

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



34.4510, 16.5890, 46.2930



44.4060, 21.6300, 59.5660



35.8150, 35.7550, 40.3550



45.6520, 1.1000, 2.0920



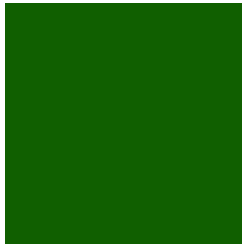
40.5750, 19.4760, 54.5480



87.1600, 42.1600, 117.0400

Previews

White Background



This preview shows how the YIQ color 60.5490, -16.5890, -46.2930 looks on a white background.

Color Contrast Check

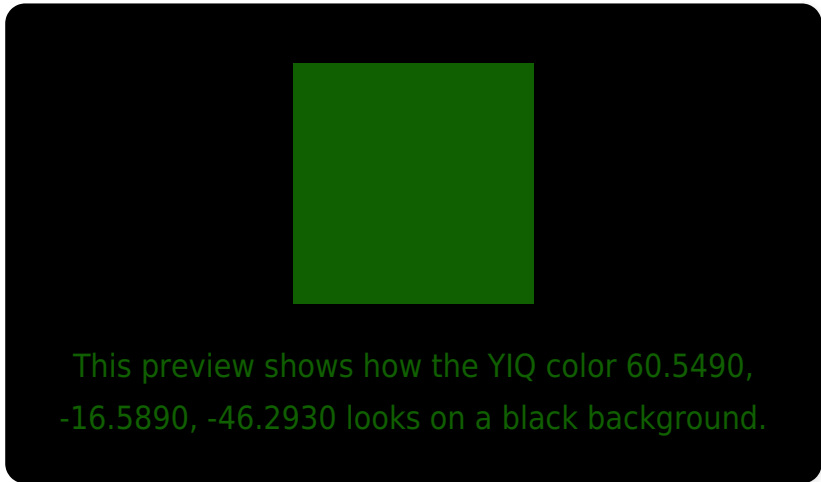
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

YIQ 60.5490, -16.5890, -46.2930

Background



This preview shows how black text looks on a background with the YIQ color 60.5490, -16.5890, -46.2930.



This preview shows how white text looks on a background with the YIQ color 60.5490, -16.5890,

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

60.5490, -16.5890, -46.2930

Protanopia

75.6420, 32.2820, -23.3820

Deuteranopia

78.0910, 32.8760, -12.1160



Tritanopia

75.0440, -29.6630, -7.5750

Trichromacy



Original Color

60.5490, -16.5890, -46.2930

Protanomaly

70.2050, 14.2190, -31.9330

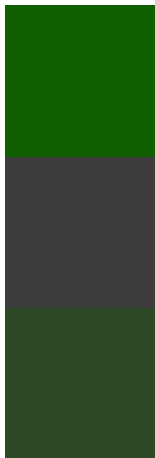
Deuteranomaly

72.0190, 15.0430, -24.8370

Tritanomaly

70.1240, -24.6170, -21.9370

Monochromacy



Original Color

60.5490, -16.5890, -46.2930

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.7520, -5.7740, -16.5100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.5490, -16.5890, -46.2930 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(16, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(16, 95, 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(16, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 95, 0) }
```

Border

The CSS property to change the border of an element to YIQ 60.5490, -16.5890, -46.2930 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(16, 95, 0) }
```


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

```
.border{ border-color:rgb(16, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(16, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 95, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(16, 95, 0); box-shadow:4px  
4px 4px 4px rgb(16, 95, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 60.5490, -16.5890, -46.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 95, 0) }
```

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

```
.background{ background-color: rgb(16, 95,  
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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