

Converting Colors

YIQ(118.3450, 11.0090,
-28.8230)

Have a look what the booklet for
YIQ(118.3450, 11.0090, -28.8230)
contains.

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Color

**YIQ(118.3450, 11.0090,
-28.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8639
RGB	111, 134, 57
RGB Percent	44%, 53%, 22%
CMY	0.5648, 0.4745, 0.7764
CMYK	0.17, 0.00, 0.57, 0.47
HSL	78°, 40%, 37%
HSV	78°, 57%, 53%
XYZ	15.8178, 20.7263, 7.0412
YIQ	118.3450, 11.0090, -28.8230

Conversions

Conversions Part 2

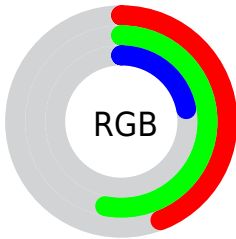
Format	Color
RYB	57, 134, 80
Decimal	7308857
CIELab	52.65, -20.87, 38.08
CIElCh	53, 43.428, 118.728
Yxy	20.7263, 0.3629, 0.4755
Android (android.graphics.Color)	4285498937 (0xFF6F8639)
YUV	118.3450, -30.2431, -6.4416
Hunter-Lab	45.5261, -17.6518, 22.6983

Details

The YIQ color **118.3450, 11.0090, -28.8230** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **72.6550, -11.0090, 28.8230**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0030, 11.9720, -29.7560**, and **68.1170, 11.6510, -29.4450** is the 20% darker color. If you saturate the color by 10%, you get **115.6670, 12.7980, -33.7140**, and if you desaturate by 10%, it is **121.0230, 9.2200, -23.9320**.

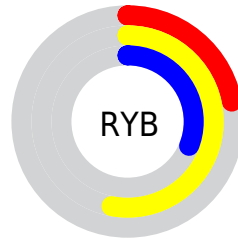
Distribution



Red (44%)

Green (53%)

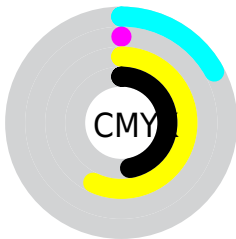
Blue (22%)



Red (22%)

Yellow (53%)

Blue (31%)

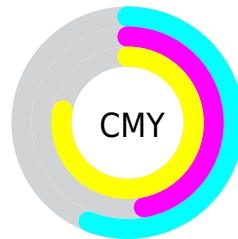


Cyan (17%)

Magenta (0%)

Yellow (57%)

Black (47%)



Cyan (56%)

Magenta (47%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3450, 11.0090, -28.8230 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 118.3450, 11.0090, -28.8230 by changing the saturation by 10% instead.

■ 118.3450, 11.0090,
-28.8230

■ 118.3450, 11.0090,
-28.8230

■ 255.0000, -0.0000,
-0.0000

■ 93.1600, 10.0920,
-28.7240

■ 171.0030, 11.9720,
-29.7560

■ 68.1170, 11.6510,
-29.4450

■ 198.7750, 12.6140,
-30.3780

■ 47.1690, 5.8730,
-23.8470

■ 226.5470, 13.2560,
-31.0000

■ 26.1820, -4.1690,
-18.0650

■ 245.4540, 18.2520,
-22.4200

■ 9.9790, -4.6750,
-8.8910

■ 250.4400, 12.8400,
-12.4400

■ 0.0000, 0.0000,
0.0000

■ 253.7460, 3.5310,

-3.4210

■ 118.3450, 11.0090,
-28.8230

■ 118.3450, 11.0090,
-28.8230

■ 115.6670, 12.7980,
-33.7140

■ 121.0230, 9.2200,
-23.9320

■ 112.8750, 14.9080,
-38.9160

■ 123.8150, 7.1100,
-18.7300

■ 110.1970, 16.6970,
-43.8070

■ 126.4930, 5.3210,
-13.8390

■ 107.4050, 18.8070,
-49.0090

■ 129.2850, 3.2110,
-8.6370

■ 106.7640, 19.1740,
-50.1540

■ 131.9630, 1.4220,
-3.7460

■ 134.6410, -0.3670,
1.1450

■ 137.4330, -2.4770,
6.3470

■ 140.1110, -4.2660,
11.2380

■ 142.9030, -6.3760,
16.4400

Harmonies

Analogous

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



121.9250, 38.9750, -18.0250



118.3450, 11.0090, -28.8230



110.9950, -29.1080, -34.1640

Triad

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



118.3450, 11.0090, -28.8230



103.1390, -98.8940, -13.9180



126.7050, 47.4480, 32.1840

Complementary

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



118.3450, 11.0090, -28.8230



72.6550, -11.0090, 28.8230

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.



129.5140, 20.3050, 34.0090



118.3450, 11.0090, -28.8230



112.5650, -73.1300, 3.7500

Square

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



118.3450, 11.0090, -28.8230



102.7680, -90.9600, -25.5520



127.2410, -18.7110, 25.2330



125.4330, 59.4170, 19.0090

Rectangle

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



118.3450, 11.0090, -28.8230



96.4810, -74.6350, -40.5790



127.2410, -18.7110, 25.2330



127.7520, 40.0660, 33.8100

Sweetspot

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



118.3450, 11.0090, -28.8230



167.3020, 4.5410, -10.7150



92.9370, 39.8420, 4.8180



83.4530, 2.7980, -6.6580



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



118.3450, 11.0090, -28.8230



148.9690, 17.3390, -44.4290



107.2820, -11.0430, -36.6670



64.7180, 0.7340, -2.2900



103.5190, 18.4860, -48.6980



2.3590, 0.3670, -1.1450

Inverse Universe

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



72.6550, -11.0090, 28.8230



78.3300, -16.7430, 44.6410



83.7180, 11.0430, 36.6670



61.2820, -0.7340, 2.2900



26.4810, -18.4860, 48.6980



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 118.3450, 11.0090, -28.8230 looks on a white 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

Black Background



This preview shows how the YIQ color 118.3450, 11.0090, -28.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

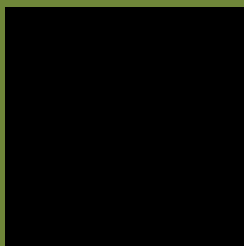
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.3450, 11.0090, -28.8230

Background



This preview shows how black text looks on a background with the YIQ color 118.3450, 11.0090, -28.8230.



This preview shows how white text looks on a background with the YIQ color 118.3450, 11.0090,

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

118.3450, 11.0090, -28.8230

Protanopia

121.6790, 30.8600, -19.6360

Deuteranopia

122.8530, 39.4780, -10.6180



Tritanopia

125.3460, -6.7860, 1.8380

Trichromacy



Original Color

118.3450, 11.0090, -28.8230

Protanomaly

120.5640, 23.7540, -23.0140

Deuteranomaly

120.8900, 28.8880, -16.9360

Tritanomaly

122.9040, -0.0900, -9.3860

Monochromacy



Original Color

118.3450, 11.0090, -28.8230

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1170, 3.6240, -10.6160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3450, 11.0090, -28.8230 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(111, 134, 57)` looks like.

```
.text, #text, p{  
    color:rgb(111, 134, 57)  
}
```

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(111, 134, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 134, 57) }
```

Border

The CSS property to change the border of an element to YIQ 118.3450, 11.0090, -28.8230 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(111, 134, 57) }
```


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

```
.border{ border-color:rgb(111, 134, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 134, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 134, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 134, 57);  
box-shadow:4px 4px 4px 4px rgb(111, 134,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3450, 11.0090, -28.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 134, 57) }
```

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

```
.background{ background-color: rgb(111,  
134, 57) }
```

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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