

Converting Colors

YIQ(117.2680, 11.0490, 3.5050)

Have a look what the booklet for
YIQ(117.2680, 11.0490, 3.5050)
contains.

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Color

**YIQ(117.2680, 11.0490,
3.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	82706F
RGB	130, 112, 111
RGB Percent	51%, 44%, 44%
CMY	0.4902, 0.5608, 0.5647
CMYK	0.00, 0.14, 0.15, 0.49
HSL	3°, 8%, 47%
HSV	3°, 15%, 51%
XYZ	17.8708, 17.4813, 17.4745
YIQ	117.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

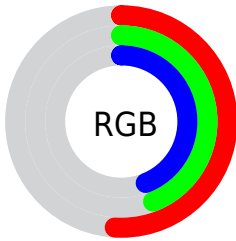
Format	Color
R_{YB}	130, 112, 111
Decimal	8548463
CIE _{Lab}	48.86, 6.87, 3.14
CIE _{LCh}	49, 7.555, 24.574
Yxy	17.4813, 0.3383, 0.3309
Android (android.graphics.Color)	4286738543 (0xFF82706F)
YUV	117.2680, -3.0901, 11.1660
Hunter-Lab	41.8106, 3.1262, 4.4875

Details

The YIQ color **117.2680, 11.0490, 3.5050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.7320, -11.0490, -3.5050**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5670, 11.6450, 3.7170**, and **68.6700, 9.8570, 3.0810** is the 20% darker color. If you saturate the color by 10%, you get **108.7420, 18.5220, 5.7380**, and if you desaturate by 10%, it is **125.7940, 3.5760, 1.2720**.

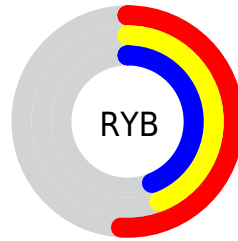
Distribution



Red (51%)

Green (44%)

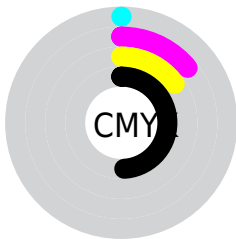
Blue (44%)



Red (51%)

Yellow (44%)

Blue (44%)

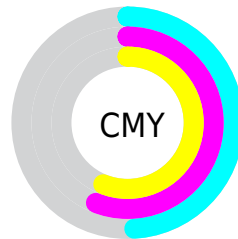


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2680, 11.0490, 3.5050 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 117.2680, 11.0490, 3.5050 by changing the saturation by 10% instead.

■ 117.2680, 11.0490,
3.5050

■ 117.2680, 11.0490,
3.5050

■ 255.0000, -0.0000,
-0.0000

■ 92.9690, 10.4530,
3.2930

■ 169.5670, 11.6450,
3.7170

■ 68.6700, 9.8570,
3.0810

■ 196.8660, 12.2410,
3.9290

■ 46.4850, 8.9400,
3.1800

■ 224.7520, 12.5620,
3.6180

■ 25.7730, 8.0690,
2.4450

■ 249.2780, 5.0890,
1.3850

■ 1.4950, 2.9800,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 117.2680, 11.0490,
3.5050

■ 117.2680, 11.0490,
3.5050

■ 108.7420, 18.5220,
5.7380

■ 125.7940, 3.5760,
1.2720

■ 99.6290, 26.2700,
8.4940

■ 134.9070, -4.1720,
-1.4840

■ 91.1030, 33.7430,
10.7270

■ 143.4330,
-11.6450, -3.7170

■ 82.5770, 41.2160,
12.9600

■ 151.9590,
-19.1180, -5.9500

■ 73.4640, 48.9640,
15.7160

■ 161.0720,
-26.8660, -8.7060

■ 64.9380, 56.4370,
17.9490

■ 169.5980,
-34.3390, -10.9390

■ 56.4120, 63.9100,
20.1820

■ 178.1240,
-41.8120, -13.1720

■ 47.2990, 71.6580,

■ 187.2370,

22.9380

-49.5600, -15.9280

■ 42.9790, 75.5550,
23.8990

■ 195.7630,
-57.0330, -18.1610

Harmonies

Analogous

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



117.3540, 7.9310, 4.9470



117.2680, 11.0490, 3.5050



116.6870, 11.1870, 1.0030

Triad

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



117.2680, 11.0490, 3.5050



114.5710, -3.3460, -5.4420



115.6770, -9.2160, 1.8240

Complementary

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



117.2680, 11.0490, 3.5050



123.7320, -11.0490, -3.5050

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.



114.7150, -12.3790, -1.4270



117.2680, 11.0490, 3.5050



114.3470, -8.5270, -5.1590

Square

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



117.2680, 11.0490, 3.5050



115.2190, 3.5770, -4.2550



114.1340, -12.2410, -3.9290



116.7810, -3.5770, 4.2550

Rectangle

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



117.2680, 11.0490, 3.5050



116.7360, 9.4910, -1.3010



114.1340, -12.2410, -3.9290



115.5520, -10.3620, 0.5660

Sweetspot

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



117.2680, 11.0490, 3.5050



163.7940, 3.5760, 1.2720



118.7330, 5.5460, 9.6260



81.1960, 2.3840, 0.8480



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



117.2680, 11.0490, 3.5050



148.1440, 17.3300, 5.3140



122.5510, 8.5740, -1.2020



59.6800, 3.8970, 0.9610



42.3810, 74.3630, 23.4750



0.0000, 0.0000, 0.0000

Inverse Universe

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



123.7320, -11.0490, -3.5050



158.4430, -17.6050, -5.8370



118.4490, -8.5740, 1.2020



61.3200, -3.8970, -0.9610



85.6190, -74.3630, -23.4750



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.2680, 11.0490, 3.5050 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 YIQ color 117.2680, 11.0490, 3.5050 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 117.2680, 11.0490, 3.5050

Background



This preview shows how black text looks on a background with the YIQ color 117.2680, 11.0490, 3.5050.



This preview shows how white text looks on a background with the YIQ color 117.2680, 11.0490,

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

117.2680, 11.0490, 3.5050

Protanopia

116.5550, 2.7510, -0.2970

Deuteranopia

116.9690, 10.4530, 3.2930



Tritanopia

117.8920, 9.3520, 6.7280

Trichromacy



Original Color

117.2680, 11.0490, 3.5050

Protanomaly

117.0500, 5.7310, 0.7630

Deuteranomaly

116.9690, 10.4530, 3.2930

Tritanomaly

117.5500, 10.3150, 5.7950

Monochromacy



Original Color

117.2680, 11.0490, 3.5050

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.0930, 4.1720, 1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2680, 11.0490, 3.5050 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(130, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(130, 112, 111)  
}
```

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(130, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 112, 111) }
```

Border

The CSS property to change the border of an element to YIQ 117.2680, 11.0490, 3.5050 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(130, 112, 111) }
```


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

```
.border{ border-color:rgb(130, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(130, 112,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2680, 11.0490, 3.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 112, 111) }
```

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

```
.background{ background-color: rgb(130,  
112, 111) }
```

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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