

Converting Colors

YIQ(111.8580, 5.5510, -18.0090)

Have a look what the booklet for
YIQ(111.8580, 5.5510, -18.0090)
contains.

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Color

**YIQ(111.8580, 5.5510,
-18.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7A4B
RGB	106, 122, 75
RGB Percent	42%, 48%, 29%
CMY	0.5844, 0.5215, 0.7058
CMYK	0.13, 0.00, 0.39, 0.52
HSL	80°, 24%, 39%
HSV	80°, 39%, 48%
XYZ	14.1727, 17.4920, 9.2886
YIQ	111.8580, 5.5510, -18.0090

Conversions

Conversions Part 2

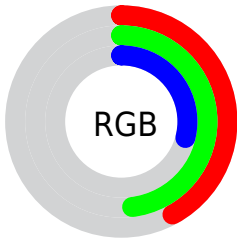
Format	Color
RYB	75, 122, 91
Decimal	6978123
CIELab	48.87, -14.49, 23.81
CIELCh	49, 27.872, 121.325
Yxy	17.4920, 0.3461, 0.4271
Android (android.graphics.Color)	4285168203 (0xFF6A7A4B)
YUV	111.8580, -18.1710, -5.1375
Hunter-Lab	41.8235, -12.7029, 16.1087

Details

The YIQ color **111.8580, 5.5510, -18.0090** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.1420, -5.5510, 18.0090**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5160, 6.5140, -18.9420**, and **63.6130, 4.8630, -16.5530** is the 20% darker color. If you saturate the color by 10%, you get **109.2940, 7.0190, -22.5890**, and if you desaturate by 10%, it is **114.4220, 4.0830, -13.4290**.

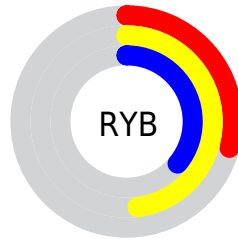
Distribution



Red (42%)

Green (48%)

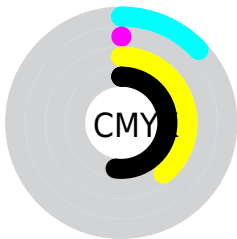
Blue (29%)



Red (29%)

Yellow (48%)

Blue (36%)

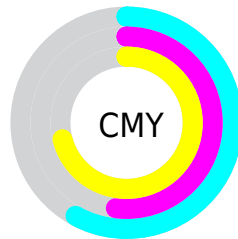


Cyan (13%)

Magenta (0%)

Yellow (39%)

Black (52%)



Cyan (58%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.8580, 5.5510, -18.0090 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 111.8580, 5.5510, -18.0090 by changing the saturation by 10% instead.

■ 111.8580, 5.5510,
-18.0090

■ 111.8580, 5.5510,
-18.0090

■ 255.0000, -0.0000,
-0.0000

■ 87.0860, 4.9090,
-17.3870

■ 163.5160, 6.5140,
-18.9420

■ 63.6130, 4.8630,
-16.5530

■ 190.9890, 6.5600,
-19.7760

■ 41.0860, 4.9090,
-17.3870

■ 218.8750, 6.8810,
-20.0870

■ 21.1980, -1.0980,
-13.1460

■ 245.4130, 8.3020,
-18.3060

■ 0.0000, 0.0000,
0.0000

■ 252.4920, 7.0620,
-6.8420

■ 111.8580, 5.5510,
-18.0090

■ 111.8580, 5.5510,
-18.0090

■ 109.2940, 7.0190,
-22.5890

■ 114.4220, 4.0830,
-13.4290

■ 106.7300, 8.4870,
-27.1690

■ 116.9860, 2.6150,
-8.8490

■ 103.7530, 9.6800,
-32.2720

■ 119.6640, 0.8260,
-3.9580

■ 101.1890, 11.1480,
-36.8520

■ 122.5270, -0.0460,
0.8340

■ 98.6250, 12.6160,
-41.4320

■ 125.0910, -1.5140,
5.4140

■ 96.0610, 14.0840,
-46.0120

■ 127.6550, -2.9820,
9.9940

■ 95.5340, 14.1300,
-46.8460

■ 130.2190, -4.4500,
14.5740

■ 132.8970, -6.2390,

19.4650

■ 135.4610, -7.7070,
24.0450

Harmonies

Analogous

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



114.5400, 24.3020, -10.9140



111.8580, 5.5510, -18.0090



108.4730, -18.2900, -20.9620

Triad

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



111.8580, 5.5510, -18.0090



104.1300, -59.1440, -7.4320



118.8890, 31.7700, 18.9540

Complementary

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



111.8580, 5.5510, -18.0090



85.1420, -5.5510, 18.0090

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.



119.6730, 14.9430, 21.0470



111.8580, 5.5510, -18.0090



112.9640, -34.7090, 6.7870

Square

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



111.8580, 5.5510, -18.0090



97.0760, -68.2200, -19.1640



118.2340, -8.8060, 16.4260



117.4410, 38.6030, 10.7550

Rectangle

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



111.8580, 5.5510, -18.0090



104.4910, -35.8960, -21.2720



118.2340, -8.8060, 16.4260



118.6050, 26.8180, 20.5940

Sweetspot

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



111.8580, 5.5510, -18.0090



154.0400, 2.5230, -7.1810



98.4450, 23.6120, 1.5960



76.5500, 1.1470, -4.2690



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



111.8580, 5.5510, -18.0090



142.2030, 8.5330, -28.0030



104.9810, -8.1570, -22.8850



59.7180, 0.7340, -2.2900



97.8930, 14.4970, -47.9910



197.5580, 29.6360, -96.6040

Inverse Universe

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



85.1420, -5.5510, 18.0090



100.7970, -8.5330, 28.0030



92.0190, 8.1570, 22.8850



56.2820, -0.7340, 2.2900



27.1070, -14.4970, 47.9910



54.4420, -29.6360, 96.6040

Previews

White Background



This preview shows how the YIQ color 111.8580, 5.5510, -18.0090 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 111.8580, 5.5510, -18.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

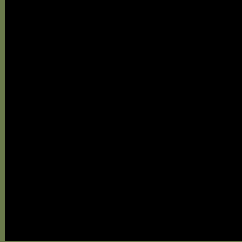
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.8580, 5.5510, -18.0090

Background



This preview shows how black text looks on a background with the YIQ color 111.8580, 5.5510, -18.0090.



This preview shows how white text looks on a background with the YIQ color 111.8580, 5.5510,

-18.0090.

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

111.8580, 5.5510, -18.0090

Protanopia

114.0880, 19.7630, -11.2530

Deuteranopia

115.6100, 27.2810, -4.3270



Tritanopia

116.1290, -4.6770, 2.1630

Trichromacy



Original Color

111.8580, 5.5510, -18.0090

Protanomaly

113.2830, 14.7200, -13.4720

Deuteranomaly

114.2560, 19.3500, -9.2740

Tritanomaly

114.3540, -1.2370, -5.1170

Monochromacy



Original Color

111.8580, 5.5510, -18.0090

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2680, 1.8810, -6.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8580, 5.5510, -18.0090 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(106, 122, 75)` looks like.

```
.text, #text, p{  
    color:rgb(106, 122, 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(106, 122, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 122, 75) }
```

Border

The CSS property to change the border of an element to YIQ 111.8580, 5.5510, -18.0090 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(106, 122, 75) }
```


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

```
.border{ border-color:rgb(106, 122, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 122, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 122, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 122, 75);  
box-shadow:4px 4px 4px 4px rgb(106, 122,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8580, 5.5510, -18.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 122, 75) }
```

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

```
.background{ background-color: rgb(106,  
122, 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](#).

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