

Converting Colors

YIQ(118.2390, -17.5110,
-18.5590)

Have a look what the booklet for
YIQ(118.2390, -17.5110, -18.5590)
contains.

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Color

**YIQ(118.2390, -17.5110,
-18.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	5A876A
RGB	90, 135, 106
RGB Percent	35%, 53%, 42%
CMY	0.6472, 0.4705, 0.5844
CMYK	0.33, 0.00, 0.22, 0.47
HSL	141°, 20%, 44%
HSV	141°, 33%, 53%
XYZ	15.4808, 20.5456, 16.7822
YIQ	118.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

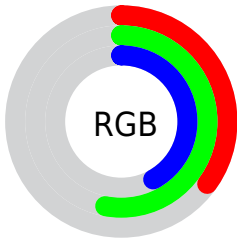
Format	Color
R_{YB}	90, 123, 135
Decimal	5932906
CIE _{Lab}	52.45, -21.98, 10.78
CIE _{LCh}	52, 24.481, 153.868
Yxy	20.5456, 0.2931, 0.3891
Android (android.graphics.Color)	4284122986 (0xFF5A876A)
YUV	118.2390, -6.0338, -24.7656
Hunter-Lab	45.3273, -18.3588, 9.7773

Details

The YIQ color **118.2390, -17.5110, -18.5590** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.7610, 17.5110, 18.5590**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.4130, -18.0610, -19.6050**, and **68.8800, -17.8780, -17.4140** is the 20% darker color. If you saturate the color by 10%, you get **113.0270, -22.9660, -24.3260**, and if you desaturate by 10%, it is **123.1520, -12.6520, -13.0040**.

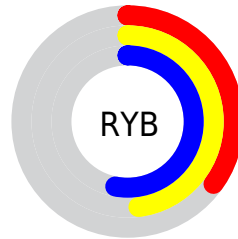
Distribution



Red (35%)

Green (53%)

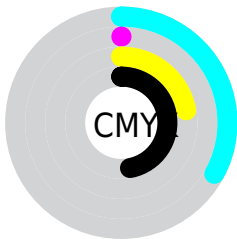
Blue (42%)



Red (35%)

Yellow (48%)

Blue (53%)

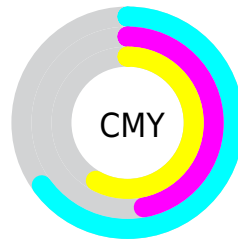


Cyan (33%)

Magenta (0%)

Yellow (22%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2390, -17.5110, -18.5590 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 118.2390, -17.5110, -18.5590 by changing the saturation by 10% instead.

■ 118.2390,
-17.5110, -18.5590

■ 118.2390,
-17.5110, -18.5590

■ 255.0000, -0.0000,
-0.0000

■ 93.3530, -17.8320,
-18.2480

■ 171.0000,
-18.3360, -20.1280

■ 68.8800, -17.8780,
-17.4140

■ 198.0000,
-18.3360, -20.1280

■ 45.1080, -18.5200,
-16.7920

■ 226.5870,
-18.6110, -20.6510

■ 24.7170, -15.8610,
-15.4210

■ 244.0210,
-13.6610, -11.2370

■ 9.3920, -4.4000,
-8.3680

■ 254.4020, -1.1920,
-0.4240

■ 0.0000, 0.0000,
0.0000

■ 118.2390,
-17.5110, -18.5590

■ 118.2390,
-17.5110, -18.5590

■ 113.0270,
-22.9660, -24.3260

■ 123.1520,
-12.6520, -13.0040

■ 108.2280,
-28.1460, -29.5700

■ 128.2500, -6.8760,
-7.5480

■ 103.0160,
-33.6010, -35.3370

■ 133.1630, -2.0170,
-1.9930

■ 98.1030, -38.4600,
-40.8920

■ 138.3750, 3.4380,
3.7740

■ 92.8910, -43.9150,
-46.6590

■ 143.1740, 8.6180,
9.0180

■ 88.0920, -49.0950,
-51.9030

■ 148.3860, 14.0730,
14.7850

■ 84.7170, -52.5330,
-55.6770

■ 153.2990, 18.9320,
20.3400

■ 158.5110, 24.3870,

26.1070

■ 163.3100, 29.5670,
31.3510

Harmonies

Analogous

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



121.5420, 3.6250, -16.1430



118.2390, -17.5110, -18.5590



114.9300, -38.5100, -17.9500

Triad

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



118.2390, -17.5110, -18.5590



123.4980, -27.4650, 7.6630



127.1200, 35.0730, 8.6490

Complementary

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



118.2390, -17.5110, -18.5590



106.7610, 17.5110, 18.5590

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.



127.6390, 29.4780, 16.4380



118.2390, -17.5110, -18.5590



127.5610, -5.4130, 15.5070

Square

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



118.2390, -17.5110, -18.5590



117.4800, -45.3900, -3.3900



128.2060, 14.7600, 18.8560



125.6430, 31.6820, -1.4860

Rectangle

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



118.2390, -17.5110, -18.5590



112.9490, -48.6890, -15.1930



128.2060, 14.7600, 18.8560



126.9290, 34.2930, 11.7730

Sweetspot

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



118.2390, -17.5110, -18.5590



169.3640, -7.1970, -7.2370



125.0860, 4.9090, -17.3870



85.2120, -3.7130, -4.2970



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



118.2390, -17.5110, -18.5590



149.9400, -27.2750, -28.8350



120.7470, -24.5730, -11.7170



63.7500, -2.2920, -2.5160



81.5540, -50.5160, -53.6840



1.8750, -1.1460, -1.2580

Inverse Universe

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



106.7610, 17.5110, 18.5590



132.0600, 27.2750, 28.8350



104.2530, 24.5730, 11.7170



62.2500, 2.2920, 2.5160



48.4460, 50.5160, 53.6840



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 118.2390, -17.5110, -18.5590 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 118.2390, -17.5110, -18.5590 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 118.2390, -17.5110, -18.5590 Background



This preview shows how black text looks on a background with the YIQ color 118.2390, -17.5110, -18.5590.



This preview shows how white text looks on a background with the YIQ color 118.2390, -17.5110, -18.5590.

-18.5590.

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

118.2390, -17.5110, -18.5590

Protanopia

123.7700, 12.1510, -5.4570

Deuteranopia

125.3240, 16.6430, 1.2430



Tritanopia

121.3870, -23.1990, -3.5750

Trichromacy



Original Color

118.2390, -17.5110, -18.5590

Protanomaly

121.8610, 1.4690, -10.1070

Deuteranomaly

122.4640, 4.2650, -5.7110

Tritanomaly

120.1820, -21.3640, -9.3000

Monochromacy



Original Color

118.2390, -17.5110, -18.5590

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0760, -6.3260, -6.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2390, -17.5110, -18.5590 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(90, 135, 106)` looks like.

```
.text, #text, p{  
    color:rgb(90, 135, 106)  
}
```

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(90, 135, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 135, 106) }
```

Border

The CSS property to change the border of an element to YIQ 118.2390, -17.5110, -18.5590 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(90, 135, 106) }
```


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

```
.border{ border-color:rgb(90, 135, 106) }
```

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

Here you see how a box with a 4 pixel rgb(90, 135, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 135, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 135, 106);  
box-shadow:4px 4px 4px 4px rgb(90, 135,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2390, -17.5110, -18.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 135, 106) }
```

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

```
.background{ background-color: rgb(90, 135,  
106) }
```

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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