

Converting Colors

YIQ(118.5210, 8.1180, -14.9700)

Have a look what the booklet for
YIQ(118.5210, 8.1180, -14.9700)
contains.

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Color

**YIQ(118.5210, 8.1180,
-14.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	757E54
RGB	117, 126, 84
RGB Percent	46%, 49%, 33%
CMY	0.5412, 0.5059, 0.6705
CMYK	0.07, 0.00, 0.33, 0.51
HSL	73°, 20%, 41%
HSV	73°, 33%, 49%
XYZ	16.3967, 19.3441, 11.2605
YIQ	118.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

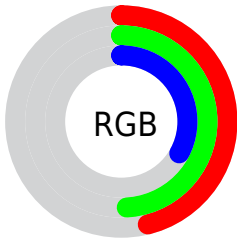
Format	Color
RYB	84, 126, 93
Decimal	7700052
CIELab	51.09, -10.83, 21.79
CIELCh	51, 24.333, 116.427
Yxy	19.3441, 0.3489, 0.4116
Android (android.graphics.Color)	4285890132 (0xFF757E54)
YUV	118.5210, -17.0189, -1.3339
Hunter-Lab	43.9819, -10.4225, 15.6076

Details

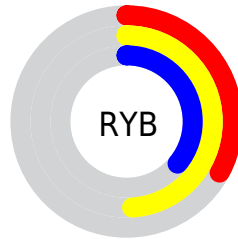
The YIQ color $118.5210, 8.1180, -14.9700$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $91.4790, -8.1180, 14.9700$, and the grayscale version is $119.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $171.1790, 9.0810, -15.9030$, and $69.8630, 7.1550, -14.0370$ is the 20% darker color. If you saturate the color by 10%, you get $116.1420, 10.5030, -19.6490$, and if you desaturate by 10%, it is $120.9000, 5.7330, -10.2910$.

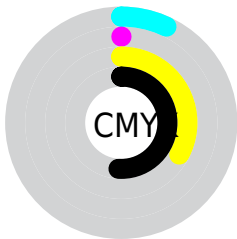
Distribution



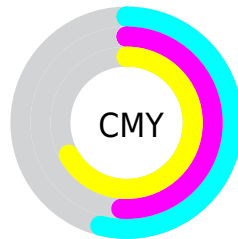
- Red (46%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.5210, 8.1180, -14.9700 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 118.5210, 8.1180, -14.9700 by changing the saturation by 10% instead.

■ 118.5210, 8.1180,
-14.9700

■ 118.5210, 8.1180,
-14.9700

■ 255.0000, -0.0000,
-0.0000

■ 93.7490, 7.4760,
-14.3480

■ 171.1790, 9.0810,
-15.9030

■ 69.8630, 7.1550,
-14.0370

■ 198.0650, 9.4020,
-16.2140

■ 47.0910, 6.5130,
-13.4150

■ 225.9510, 9.7230,
-16.5250

■ 26.8460, 5.8250,
-11.9590

■ 250.1410, 12.2440,
-12.6520

■ 4.1090, -1.9250,
-3.6610

■ 253.7460, 3.5310,
-3.4210

■ 0.0000, 0.0000,
0.0000

■ 118.5210, 8.1180,
-14.9700

■ 118.5210, 8.1180,
-14.9700

■ 116.1420, 10.5030,
-19.6490

■ 120.9000, 5.7330,
-10.2910

■ 114.1760, 13.1630,
-23.8050

■ 122.8660, 3.0730,
-6.1350

■ 111.7970, 15.5480,
-28.4840

■ 125.2450, 0.6880,
-1.4560

■ 109.5320, 17.6120,
-32.8520

■ 127.5100, -1.3760,
2.9120

■ 107.1530, 19.9970,
-37.5310

■ 129.8890, -3.7610,
7.5910

■ 105.0730, 22.9780,
-41.9980

■ 131.9690, -6.7420,
12.0580

■ 103.5630, 24.3540,
-44.9100

■ 134.2340, -8.8060,
16.4260

■ 136.6130,

-11.1910, 21.1050

■ 138.5790,
-13.8510, 25.2610

Harmonies

Analogous

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



120.8220, 23.5680, -8.6240



118.5210, 8.1180, -14.9700



115.8760, -12.0550, -18.3190

Triad

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



118.5210, 8.1180, -14.9700



112.6320, -48.8740, -6.3300



124.3120, 26.0850, 17.3570

Complementary

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



118.5210, 8.1180, -14.9700



91.4790, -8.1180, 14.9700

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.



124.7540, 10.2210, 18.5170



118.5210, 8.1180, -14.9700



118.2800, -32.7830, 4.9210

Square

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



118.5210, 8.1180, -14.9700



110.0630, -49.0100, -14.8820



122.9840, -11.0980, 13.9100



123.4020, 34.3390, 10.9390

Rectangle

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



118.5210, 8.1180, -14.9700



113.1610, -26.0390, -18.1910



122.9840, -11.0980, 13.9100



124.8000, 21.7750, 18.3750

Sweetspot

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



118.5210, 8.1180, -14.9700



160.2790, 3.3480, -5.6120



101.2540, 22.8320, 4.7200



79.9630, 1.4220, -3.7460



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



118.5210, 8.1180, -14.9700



151.4040, 12.5210, -23.1830



112.5410, -3.8020, -19.2100



62.6040, 1.0550, -2.6010



105.0360, 24.4000, -45.7440



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.4790, -8.1180, 14.9700



109.5960, -12.5210, 23.1830



97.4590, 3.8020, 19.2100



58.3960, -1.0550, 2.6010



22.6650, -24.9960, 45.5320



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.5210, 8.1180, -14.9700 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 118.5210, 8.1180, -14.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

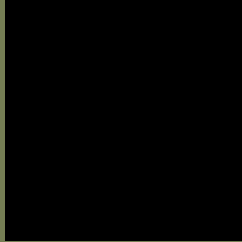
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.5210, 8.1180, -14.9700

Background



This preview shows how black text looks on a background with the YIQ color 118.5210, 8.1180, -14.9700.



This preview shows how white text looks on a background with the YIQ color 118.5210, 8.1180,

-14.9700.

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

118.5210, 8.1180, -14.9700

Protanopia

119.8430, 19.0750, -9.7970

Deuteranopia

121.2510, 26.9140, -3.1820



Tritanopia

122.0370, -1.4220, 3.7460

Trichromacy



Original Color

118.5210, 8.1180, -14.9700

Protanomaly

119.6360, 15.2240, -11.5920

Deuteranomaly

120.4950, 20.1750, -7.7050

Tritanomaly

120.6750, 2.2930, -3.0110

Monochromacy



Original Color

118.5210, 8.1180, -14.9700

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9800, 2.7520, -5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5210, 8.1180, -14.9700 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(117, 126, 84)` looks like.

```
.text, #text, p{  
    color:rgb(117, 126, 84)  
}
```

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(117, 126, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 126, 84) }
```

Border

The CSS property to change the border of an element to YIQ 118.5210, 8.1180, -14.9700 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(117, 126, 84) }
```


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

```
.border{ border-color:rgb(117, 126, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 126, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 126, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 126, 84);  
box-shadow:4px 4px 4px 4px rgb(117, 126,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5210, 8.1180, -14.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 126, 84) }
```

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

```
.background{ background-color: rgb(117,  
126, 84) }
```

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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