

Converting Colors

YIQ(118.7760, 12.0140, -8.4820)

Have a look what the booklet for
YIQ(118.7760, 12.0140, -8.4820)
contains.

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Color

**YIQ(118.7760, 12.0140,
-8.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	7D795B
RGB	125, 121, 91
RGB Percent	49%, 47%, 36%
CMY	0.5098, 0.5255, 0.6431
CMYK	0.00, 0.03, 0.27, 0.51
HSL	53°, 16%, 42%
HSV	53°, 27%, 49%
XYZ	17.1834, 18.7898, 12.6227
YIQ	118.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

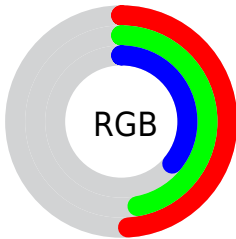
Format	Color
RYB	96, 125, 91
Decimal	8223067
CIELab	50.44, -3.66, 17.03
CIELCh	50, 17.421, 102.123
Yxy	18.7898, 0.3536, 0.3867
Android (android.graphics.Color)	4286413147 (0xFF7D795B)
YUV	118.7760, -13.6936, 5.4584
Hunter-Lab	43.3472, -5.0978, 13.0777

Details

The YIQ color **118.7760, 12.0140, -8.4820** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.2240, -12.0140, 8.4820**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8470, 13.2520, -8.8920**, and **70.7050, 10.7760, -8.0720** is the 20% darker color. If you saturate the color by 10%, you get **116.8210, 16.1410, -11.6910**, and if you desaturate by 10%, it is **120.8450, 7.5660, -4.9620**.

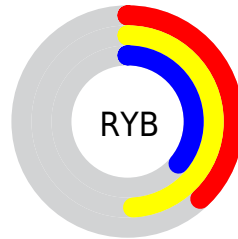
Distribution



Red (49%)

Green (47%)

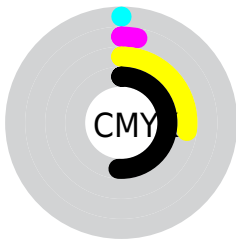
Blue (36%)



Red (38%)

Yellow (49%)

Blue (36%)

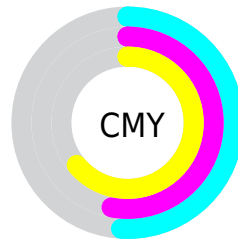


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7760, 12.0140, -8.4820 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 118.7760, 12.0140, -8.4820 by changing the saturation by 10% instead.

■ 118.7760, 12.0140,
-8.4820

■ 118.7760, 12.0140,
-8.4820

■ 255.0000, -0.0000,
-0.0000

■ 93.8900, 11.6930,
-8.1710

■ 170.8470, 13.2520,
-8.8920

■ 70.7050, 10.7760,
-8.0720

■ 198.7330, 13.5730,
-9.2030

■ 47.6340, 9.5380,
-7.6620

■ 226.6190, 13.8940,
-9.5140

■ 26.5910, 11.0970,
-8.3830

■ 251.3520, 10.2720,
-9.9520

■ 1.7610, -0.8250,
-1.5690

■ 254.6580, 0.9630,
-0.9330

■ 0.0000, 0.0000,
0.0000

■ 118.7760, 12.0140,
-8.4820

■ 118.7760, 12.0140,
-8.4820

■ 116.8210, 16.1410,
-11.6910

■ 120.8450, 7.5660,
-4.9620

■ 114.1650, 20.8640,
-14.6880

■ 123.3870, 3.1640,
-2.2760

■ 112.2100, 24.9910,
-17.8970

■ 125.4560, -1.2840,
1.2440

■ 109.5540, 29.7140,
-20.8940

■ 127.9980, -5.6860,
3.9300

■ 107.5990, 33.8410,
-24.1030

■ 130.0670,
-10.1340, 7.4500

■ 104.9430, 38.5640,
-27.1000

■ 132.6090,
-14.5360, 10.1360

■ 102.9880, 42.6910,
-30.3090

■ 134.6780,
-18.9840, 13.6560

■ 101.9450, 44.2500,

■ 137.2200,

-31.0300

-23.3860, 16.3420

■ 139.2890,
-27.8340, 19.8620

Harmonies

Analogous

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



120.1410, 21.4120, -2.5880



118.7760, 12.0140, -8.4820



116.8390, -1.4650, -12.0010

Triad

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



118.7760, 12.0140, -8.4820



114.0160, -32.4600, -6.4440



122.4460, 13.8440, 13.4280

Complementary

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



118.7760, 12.0140, -8.4820



97.2240, -12.0140, 8.4820

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.



121.9760, 0.5480, 12.1000



118.7760, 12.0140, -8.4820



116.8690, -27.3720, 0.4680

Square

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



118.7760, 12.0140, -8.4820



114.0070, -28.2410, -11.3210



120.0280, -14.3980, 7.6340



121.8290, 22.8310, 10.2470

Rectangle

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



118.7760, 12.0140, -8.4820



115.6360, -11.1390, -12.8910



120.0280, -14.3980, 7.6340



122.2930, 9.9010, 13.3010

Sweetspot

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



118.7760, 12.0140, -8.4820



160.9310, 4.4480, -3.5200



101.7360, 18.6590, 8.7630



80.3870, 3.1640, -2.2760



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.



118.7760, 12.0140, -8.4820



153.3220, 18.9840, -13.6560



117.5360, 3.7620, -13.1180



62.6150, 2.5220, -1.6540



104.6030, 45.2130, -31.9630



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.2240, -12.0140, 8.4820



119.2650, -19.2590, 13.1330



98.4640, -3.7620, 13.1180



58.3850, -2.5220, 1.6540



23.3970, -45.2130, 31.9630



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.7760, 12.0140, -8.4820 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 118.7760, 12.0140, -8.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

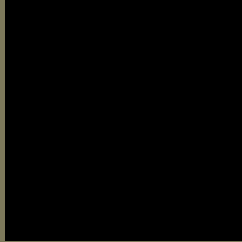
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.7760, 12.0140, -8.4820

Background



This preview shows how black text looks on a background with the YIQ color 118.7760, 12.0140, -8.4820.



This preview shows how white text looks on a background with the YIQ color 118.7760, 12.0140,

-8.4820.

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

118.7760, 12.0140, -8.4820

Protanopia

119.0860, 14.0770, -7.3230

Deuteranopia

120.1520, 22.8790, -1.6410



Tritanopia

121.0270, 4.5380, 5.8660

Trichromacy



Original Color

118.7760, 12.0140, -8.4820

Protanomaly

118.7870, 13.4810, -7.5350

Deuteranomaly

119.5320, 18.7530, -3.9590

Tritanomaly

120.4200, 7.5650, 0.5650

Monochromacy



Original Color

118.7760, 12.0140, -8.4820

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0450, 4.1270, -3.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7760, 12.0140, -8.4820 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(125, 121, 91)` looks like.

```
.text, #text, p{  
    color:rgb(125, 121, 91)  
}
```

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(125, 121, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 121, 91) }
```

Border

The CSS property to change the border of an element to YIQ 118.7760, 12.0140, -8.4820 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(125, 121, 91) }
```


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

```
.border{ border-color:rgb(125, 121, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 121, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 121, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 121, 91);  
box-shadow:4px 4px 4px 4px rgb(125, 121,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7760, 12.0140, -8.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 121, 91) }
```

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

```
.background{ background-color: rgb(125,  
121, 91) }
```

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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