

Converting Colors

YIQ(122.8060, 12.4700, 5.2860)

Have a look what the booklet for
YIQ(122.8060, 12.4700, 5.2860)
contains.

YIQ(122.8060, 12.4700, 5.2860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(122.8060, 12.4700,
5.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7476
RGB	138, 116, 118
RGB Percent	54%, 45%, 46%
CMY	0.4588, 0.5451, 0.5372
CMYK	0.00, 0.16, 0.14, 0.46
HSL	354°, 9%, 50%
HSV	354°, 16%, 54%
XYZ	19.9986, 19.2014, 19.7955
YIQ	122.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

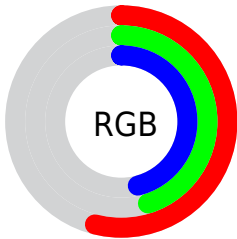
Format	Color
R_{YB}	138, 116, 118
Decimal	9073782
CIE Lab	50.92, 8.93, 2.08
CIE LCh	51, 9.171, 13.123
Yxy	19.2014, 0.3390, 0.3255
Android (android.graphics.Color)	4287263862 (0xFF8A7476)
YUV	122.8060, -2.3694, 13.3251
Hunter-Lab	43.8194, 4.7810, 3.8891

Details

The YIQ color $122.8060, 12.4700, 5.2860$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $131.1940, -12.4700, -5.2860$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.4040, 13.6620, 5.7100$, and $74.2080, 11.2780, 4.8620$ is the 20% darker color. If you saturate the color by 10%, you get $113.1060, 20.4930, 8.5650$, and if you desaturate by 10%, it is $132.5060, 4.4470, 2.0070$.

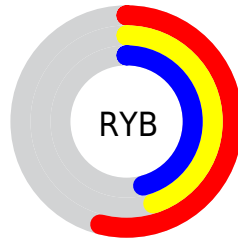
Distribution



Red (54%)

Green (45%)

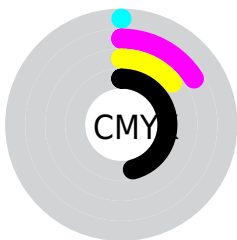
Blue (46%)



Red (54%)

Yellow (45%)

Blue (46%)

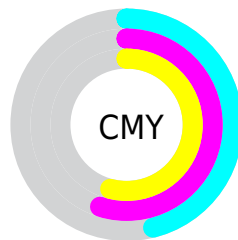


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (46%)



Cyan (46%)


Magenta (55%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.8060, 12.4700, 5.2860 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 122.8060, 12.4700, 5.2860 by changing the saturation by 10% instead.


 122.8060, 12.4700,
5.2860


 122.8060, 12.4700,
5.2860


255.0000, -0.0000,
-0.0000


 97.5070, 11.8740,
5.0740


 175.4040, 13.6620,
5.7100


 74.2080, 11.2780,
4.8620


 202.7030, 14.2580,
5.9220

 51.6100, 10.0860,
4.4380

 230.7030, 14.2580,
5.9220

 30.3110, 9.4900,
4.2260

 253.1250, 1.1460,
1.2580

 6.8770, 13.7080,
4.8760

 0.0000, 0.0000,
0.0000

122.8060, 12.4700,
5.2860

122.8060, 12.4700,
5.2860

113.1060, 20.4930,
8.5650

132.5060, 4.4470,
2.0070

103.5200, 28.1950,
12.1550

142.0920, -3.2550,
-1.5830

94.4070, 35.9430,
14.9110

151.2050,
-11.0030, -4.3390

84.8210, 43.6450,
18.5010

160.7910,
-18.7050, -7.9290

75.1210, 51.6680,
21.7800

170.4910,
-26.7280, -11.2080

65.5350, 59.3700,
25.3700

180.0770,
-34.4300, -14.7980

55.8350, 67.3930,
28.6490

189.7770,
-42.4530, -18.0770

46.8360, 74.8200,

198.7760,

31.7160

-49.8800, -21.1440

■ 42.7440, 78.0750,
33.2990

■ 208.4760,
-57.9030, -24.4230

Harmonies

Analogous

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



122.5220, 7.5180, 6.9260



122.8060, 12.4700, 5.2860



122.2960, 13.8460, 2.3740

Triad

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



122.8060, 12.4700, 5.2860



119.7130, -0.8700, -6.2620



119.9970, -13.1130, 0.8630

Complementary

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



122.8060, 12.4700, 5.2860



131.1940, -12.4700, -5.2860

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.



118.9210, -15.9550, -2.6990



122.8060, 12.4700, 5.2860



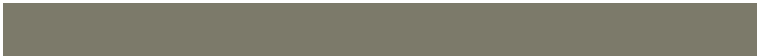
119.1790, -8.1140, -7.1380

Square

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



122.8060, 12.4700, 5.2860



120.7740, 6.3280, -4.5520



118.5960, -13.6620, -5.7100



121.5140, -7.1990, 3.8170

Rectangle

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



122.8060, 12.4700, 5.2860



121.6440, 12.7460, 0.2820



118.5960, -13.6620, -5.7100



119.8720, -14.2590, -0.3950

Sweetspot

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



122.8060, 12.4700, 5.2860



172.6910, 5.3640, 1.9080



124.4880, 4.8580, 11.0820



85.4950, 2.9800, 1.0600



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.



122.8060, 12.4700, 5.2860



155.5080, 19.3010, 8.1410



127.8610, 10.6370, -0.0430



64.2070, 3.8510, 1.7950



41.1350, 75.4160, 31.9280



1.4950, 2.9800, 1.0600

Inverse Universe

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



122.8060, 12.4700, 5.2860



155.5080, 19.3010, 8.1410



126.1390, -10.6370, 0.0430



64.2070, 3.8510, 1.7950



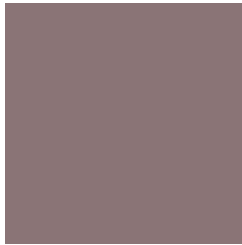
41.1350, 75.4160, 31.9280



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 122.8060, 12.4700, 5.2860 looks on a white background.

Color Contrast Check

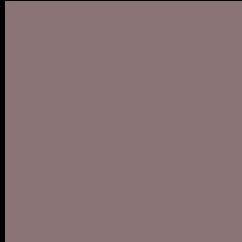
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8060, 12.4700, 5.2860 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 122.8060, 12.4700, 5.2860

Background



This preview shows how black text looks on a background with the YIQ color 122.8060, 12.4700, 5.2860.



This preview shows how white text looks on a background with the YIQ color 122.8060, 12.4700,

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

122.8060, 12.4700, 5.2860

Protanopia

121.8970, 1.7880, 0.6360

Deuteranopia

122.1970, 9.8110, 3.9150



Tritanopia

123.2020, 11.4150, 7.8870

Trichromacy



Original Color

122.8060, 12.4700, 5.2860

Protanomaly

122.1040, 5.6390, 2.4310

Deuteranomaly

122.4960, 10.4070, 4.1270

Tritanomaly

122.9740, 12.0570, 7.2650

Monochromacy



Original Color

122.8060, 12.4700, 5.2860

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.5060, 4.4470, 2.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8060, 12.4700, 5.2860 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(138, 116, 118)` looks like.

```
.text, #text, p{  
    color:rgb(138, 116, 118)  
}
```

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(138, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 116, 118) }
```

Border

The CSS property to change the border of an element to YIQ 122.8060, 12.4700, 5.2860 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(138, 116, 118) }
```


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

```
.border{ border-color:rgb(138, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 116, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 116, 118);  
box-shadow:4px 4px 4px 4px rgb(138, 116,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8060, 12.4700, 5.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 116, 118) }
```

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

```
.background{ background-color: rgb(138,  
116, 118) }
```

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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