

Converting Colors

YIQ(112.8750, 8.0220, 8.8060)

Have a look what the booklet for
YIQ(112.8750, 8.0220, 8.8060)
contains.

YIQ(112.8750, 8.0220, 8.8060)	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(112.8750, 8.0220,
8.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6977
RGB	126, 105, 119
RGB Percent	49%, 41%, 47%
CMY	0.5058, 0.5883, 0.5333
CMYK	0.00, 0.17, 0.06, 0.51
HSL	320°, 9%, 45%
HSV	320°, 17%, 49%
XYZ	16.9872, 15.8702, 19.6224
YIQ	112.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

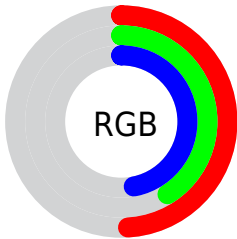
Format	Color
R_{YB}	126, 105, 119
Decimal	8284535
CIE _{Lab}	46.80, 10.94, -4.69
CIE _{LCh}	47, 11.899, 336.801
Yxy	15.8702, 0.3237, 0.3024
Android (android.graphics.Color)	4286474615 (0xFF7E6977)
YUV	112.8750, 3.0196, 11.5106
Hunter-Lab	39.8374, 6.3993, -1.3179

Details

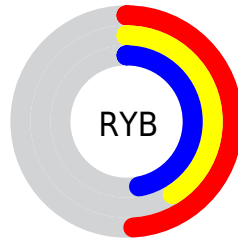
The YIQ color **112.8750, 8.0220, 8.8060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.1250, -8.0220, -8.8060**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5870, 8.8930, 9.5410**, and **65.1630, 7.1510, 8.0710** is the 20% darker color. If you saturate the color by 10%, you get **104.7880, 12.8810, 14.3610**, and if you desaturate by 10%, it is **120.9620, 3.1630, 3.2510**.

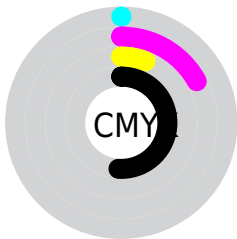
Distribution



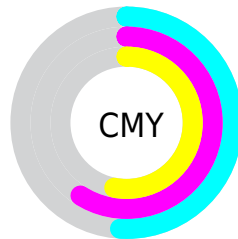
- Red (49%)
- Green (41%)
- Blue (47%)



- Red (49%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.8750, 8.0220, 8.8060 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 112.8750, 8.0220, 8.8060 by changing the saturation by 10% instead.

■ 112.8750, 8.0220,
8.8060

■ 112.8750, 8.0220,
8.8060

255.0000, -0.0000,
-0.0000

■ 88.4620, 7.7470,
8.2830

■ 164.5870, 8.8930,
9.5410

■ 65.1630, 7.1510,
8.0710

■ 191.5870, 8.8930,
9.5410

■ 42.7500, 6.8760,
7.5480

■ 219.8860, 9.4890,
9.7530

■ 22.0380, 6.0050,
6.8130

■ 245.6080, 4.4000,
8.3680

■ 0.0000, 0.0000,
0.0000

■ 112.8750, 8.0220,

■ 112.8750, 8.0220,

8.8060

104.7880, 12.8810,
14.3610

97.2880, 17.4650,
19.3930

89.0870, 22.6450,
24.6370

81.5870, 27.2290,
29.6690

73.5000, 32.0880,
35.2240

65.4130, 36.9470,
40.7790

57.9130, 41.5310,
45.8110

49.7120, 46.7110,
51.0550

8.8060

120.9620, 3.1630,
3.2510

128.4620, -1.4210,
-1.7810

136.6630, -6.6010,
-7.0250

144.1630,
-11.1850, -12.0570

152.2500,
-16.0440, -17.6120

160.3370,
-20.9030, -23.1670

167.8370,
-25.4870, -28.1990

176.0380,
-30.6670, -33.4430

■ 47.2500, 48.1320,
52.8360

■ 183.5380,
-35.2510, -38.4750

Harmonies

Analogous

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



112.5580, -1.3310, 7.6050



112.8750, 8.0220, 8.8060



112.9420, 15.0830, 7.4910

Triad

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



112.8750, 8.0220, 8.8060



110.5140, 9.9960, -4.9480



107.4150, -20.4020, -4.7060

Complementary

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



112.8750, 8.0220, 8.8060



118.1250, -8.0220, -8.8060

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.



107.2750, -17.1920, -7.8160



112.8750, 8.0220, 8.8060



109.1430, 0.7350, -7.8170

Square

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



112.8750, 8.0220, 8.8060



111.6720, 15.5430, -0.8490



107.9400, -8.9390, -8.7070



108.8330, -18.5230, -0.2110

Rectangle

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



112.8750, 8.0220, 8.8060



112.1440, 17.3300, 5.3140



107.9400, -8.9390, -8.7070



107.7740, -20.0350, -5.8510

Sweetspot

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



112.8750, 8.0220, 8.8060



157.9620, 3.1630, 3.2510



109.4870, -2.5690, 8.0150



78.8370, 2.0170, 1.9930



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.



112.8750, 8.0220, 8.8060



142.9620, 12.3310, 13.3150



111.6210, 11.5530, 5.3850



59.6630, 2.5670, 3.0390



47.9620, 49.0030, 53.5710



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.8750, 8.0220, 8.8060



142.9620, 12.3310, 13.3150



119.3790, -11.5530, -5.3850



59.6630, 2.5670, 3.0390



47.9620, 49.0030, 53.5710



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.8750, 8.0220, 8.8060 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 112.8750, 8.0220, 8.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

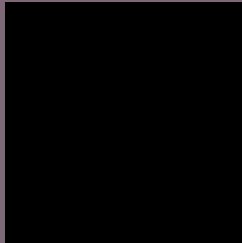
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.8750, 8.0220, 8.8060

Background



This preview shows how black text looks on a background with the YIQ color 112.8750, 8.0220, 8.8060.

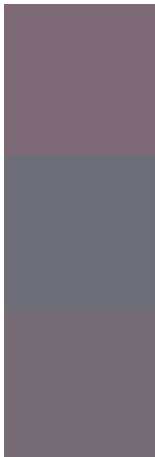


This preview shows how white text looks on a background with the YIQ color 112.8750, 8.0220,

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

112.8750, 8.0220, 8.8060

Protanopia

111.3680, -3.8520, 3.7320

Deuteranopia

112.1300, 2.7500, 5.2300



Tritanopia

112.5930, 8.7560, 6.5160

Trichromacy



Original Color

112.8750, 8.0220, 8.8060

Protanomaly

111.8740, 0.5950, 5.7390

Deuteranomaly

112.4400, 4.8130, 6.3890

Tritanomaly

112.8210, 8.1140, 7.1380

Monochromacy



Original Color

112.8750, 8.0220, 8.8060

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8750, 8.0220, 8.8060 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(126, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 105, 119)  
}
```

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(126, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 105, 119) }
```

Border

The CSS property to change the border of an element to YIQ 112.8750, 8.0220, 8.8060 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(126, 105, 119) }
```


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

```
.border{ border-color:rgb(126, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 105,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8750, 8.0220, 8.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 105, 119) }
```

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

```
.background{ background-color: rgb(126,  
105, 119) }
```

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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