

Converting Colors

YIQ(112.1380, 17.4670, 8.3390)

Have a look what the booklet for
YIQ(112.1380, 17.4670, 8.3390)
contains.

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Color

**YIQ(112.1380, 17.4670,
8.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	86666B
RGB	134, 102, 107
RGB Percent	53%, 40%, 42%
CMY	0.4744, 0.6000, 0.5803
CMYK	0.00, 0.24, 0.20, 0.47
HSL	351°, 14%, 46%
HSV	351°, 24%, 53%
XYZ	17.2395, 15.6320, 16.0232
YIQ	112.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

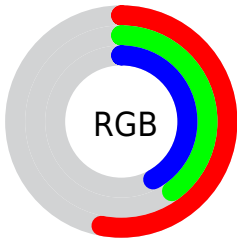
Format	Color
R_{YB}	134, 102, 107
Decimal	8808043
CIE _{Lab}	46.49, 13.69, 2.15
CIE _{LCh}	46, 13.853, 8.916
Yxy	15.6320, 0.3526, 0.3197
Android (android.graphics.Color)	4286998123 (0xFF86666B)
YUV	112.1380, -2.5330, 19.1730
Hunter-Lab	39.5373, 8.6413, 3.6478

Details

The YIQ color **112.1380, 17.4670, 8.3390** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123.8620, -17.4670, -8.3390**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0350, 19.2550, 8.9750**, and **64.2410, 15.6790, 7.7030** is the 20% darker color. If you saturate the color by 10%, you get **103.2530, 24.5730, 11.7170**, and if you desaturate by 10%, it is **121.0230, 10.3610, 4.9610**.

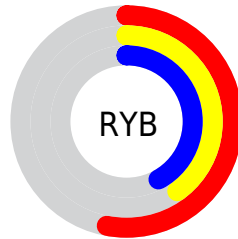
Distribution



Red (53%)

Green (40%)

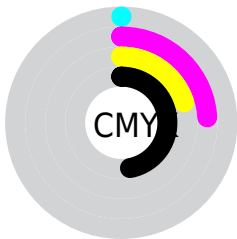
Blue (42%)



Red (53%)

Yellow (40%)

Blue (42%)

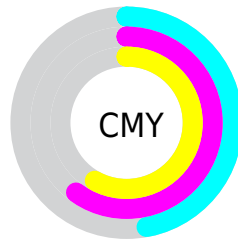


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.1380, 17.4670, 8.3390 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 112.1380, 17.4670, 8.3390 by changing the saturation by 10% instead.

■ 112.1380, 17.4670,
8.3390

■ 112.1380, 17.4670,
8.3390

255.0000, -0.0000,
-0.0000

■ 87.5400, 16.2750,
7.9150

■ 164.0350, 19.2550,
8.9750

■ 64.2410, 15.6790,
7.7030

■ 191.3340, 19.8510,
9.1870

■ 41.6430, 14.4870,
7.2790

■ 219.3340, 19.8510,
9.1870

■ 20.3440, 13.8910,
7.0670

■ 242.2510, 9.7190,
5.5830

■ 0.0000, 0.0000,
0.0000

■ 112.1380, 17.4670,

■ 112.1380, 17.4670,

8.3390

■ 103.2530, 24.5730,
11.7170

■ 93.6670, 32.2750,
15.3070

■ 84.7820, 39.3810,
18.6850

■ 75.3100, 46.7620,
22.5860

■ 66.4250, 53.8680,
25.9640

■ 57.4260, 61.2950,
29.0310

■ 47.9540, 68.6760,
32.9320

■ 42.4600, 73.1230,
34.9390

8.3390

■ 121.0230, 10.3610,
4.9610

■ 130.6090, 2.6590,
1.3710

■ 139.4940, -4.4470,
-2.0070

■ 148.9660,
-11.8280, -5.9080

■ 157.9650,
-19.2550, -8.9750

■ 166.8500,
-26.3610, -12.3530

■ 176.3220,
-33.7420, -16.2540

■ 185.2070,
-40.8480, -19.6320

■ 194.7930,
-48.5500, -23.2220

Harmonies

Analogous

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



112.2990, 9.7640, 10.2760



112.1380, 17.4670, 8.3390



111.1720, 20.1270, 4.1830

Triad

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



112.1380, 17.4670, 8.3390



107.9040, -0.0900, -9.3860



107.8650, -21.5490, -0.4370

Complementary

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



112.1380, 17.4670, 8.3390



123.8620, -17.4670, -8.3390

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.



105.8490, -24.6200, -5.3560



112.1380, 17.4670, 8.3390



106.5160, -10.6810, -10.1770

Square

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



112.1380, 17.4670, 8.3390



109.1720, 10.9590, -5.8810



105.7800, -20.1720, -8.8760



109.9310, -12.7470, 5.2450

Rectangle

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



112.1380, 17.4670, 8.3390



110.5800, 18.7980, 0.7340



105.7800, -20.1720, -8.8760



107.4410, -23.2910, -1.9070

Sweetspot

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



112.1380, 17.4670, 8.3390



164.8160, 6.5100, 3.1660



113.7210, 5.8200, 15.6760



82.2070, 3.8510, 1.7950



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



112.1380, 17.4670, 8.3390



138.8620, 27.2320, 13.0880



118.0250, 16.0470, 1.0310



61.9080, 3.2550, 1.5830



41.1500, 71.0600, 33.7800



0.8970, 1.7880, 0.6360

Inverse Universe

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



112.1380, 17.4670, 8.3390



138.8620, 27.2320, 13.0880



117.9750, -16.0470, -1.0310



61.9080, 3.2550, 1.5830



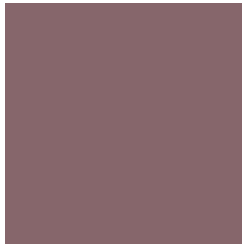
41.1500, 71.0600, 33.7800



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 112.1380, 17.4670, 8.3390 looks on a white background.

Color Contrast Check

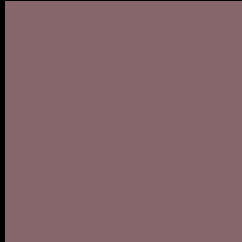
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.1380, 17.4670, 8.3390 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 112.1380, 17.4670, 8.3390

Background



This preview shows how black text looks on a background with the YIQ color 112.1380, 17.4670, 8.3390.



This preview shows how white text looks on a background with the YIQ color 112.1380, 17.4670,

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

112.1380, 17.4670, 8.3390

Protanopia

110.7120, 0.8710, 0.7350

Deuteranopia

111.6700, 9.8570, 3.0810



Tritanopia

112.3660, 16.8250, 8.9610

Trichromacy



Original Color

112.1380, 17.4670, 8.3390

Protanomaly

111.2290, 6.7850, 3.6890

Deuteranomaly

111.6920, 12.7910, 4.9750

Tritanomaly

112.2520, 17.1460, 8.6500

Monochromacy



Original Color

112.1380, 17.4670, 8.3390

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8160, 6.5100, 3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.1380, 17.4670, 8.3390 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(134, 102, 107)` looks like.

```
.text, #text, p{  
    color:rgb(134, 102, 107)  
}
```

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(134, 102, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 102, 107) }
```

Border

The CSS property to change the border of an element to YIQ 112.1380, 17.4670, 8.3390 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(134, 102, 107) }
```


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

```
.border{ border-color:rgb(134, 102, 107) }
```

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

Here you see how a box with a 4 pixel rgb(134, 102, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 102, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 102, 107);  
box-shadow:4px 4px 4px 4px rgb(134, 102,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 112.1380, 17.4670, 8.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 102, 107) }
```

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

```
.background{ background-color: rgb(134,  
102, 107) }
```

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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