

Converting Colors

YIQ(110.4360, 46.1670, 16.8470)

Have a look what the booklet for
YIQ(110.4360, 46.1670, 16.8470)
contains.

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Color

**YIQ(110.4360, 46.1670,
16.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	A55758
RGB	165, 87, 88
RGB Percent	65%, 34%, 35%
CMY	0.3528, 0.6589, 0.6547
CMYK	0.00, 0.47, 0.47, 0.35
HSL	359°, 31%, 49%
HSV	359°, 47%, 65%
XYZ	20.6959, 15.5209, 11.1477
YIQ	110.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

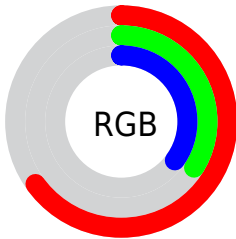
Format	Color
RYB	165, 87, 88
Decimal	10835800
CIELab	46.34, 32.10, 13.92
CIELCh	46, 34.988, 23.442
Yxy	15.5209, 0.4369, 0.3277
Android (android.graphics.Color)	4289025880 (0xFFA55758)
YUV	110.4360, -11.0609, 47.8526
Hunter-Lab	39.3965, 24.8260, 10.8008

Details

The YIQ color **110.4360, 46.1670, 16.8470** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.5640, -46.1670, -16.8470**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4150, 50.6600, 18.0200**, and **60.0980, 41.3070, 16.8190** is the 20% darker color. If you saturate the color by 10%, you get **98.6330, 55.9780, 20.7620**, and if you desaturate by 10%, it is **121.6520, 36.6310, 13.4550**.

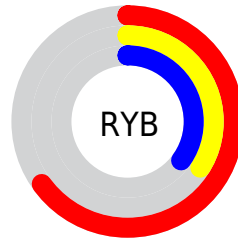
Distribution



Red (65%)

Green (34%)

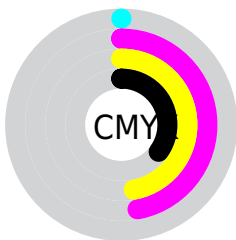
Blue (35%)



Red (65%)

Yellow (34%)

Blue (35%)

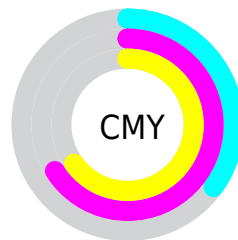


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (35%)



Cyan (35%)

Magenta (66%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.4360, 46.1670, 16.8470 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 110.4360, 46.1670, 16.8470 by changing the saturation by 10% instead.

■ 110.4360, 46.1670,
16.8470

■ 110.4360, 46.1670,
16.8470

■ 255.0000, -0.0000,
-0.0000

■ 84.7670, 43.7370,
16.8330

■ 163.4150, 50.6600,
18.0200

■ 60.0980, 41.3070,
16.8190

■ 190.8990, 52.1730,
18.1330

■ 34.9560, 38.8310,
17.6390

■ 211.3100, 37.5940,
12.5220

■ 17.0430, 33.9720,
12.0840

■ 230.9380, 20.9060,
6.5860

■ 9.0840, 17.5590,
6.6710

■ 251.2670, 3.6220,
0.4380

■ 0.0000, 0.0000,
0.0000

■ 110.4360, 46.1670,
16.8470

■ 110.4360, 46.1670,
16.8470

■ 98.6330, 55.9780,
20.7620

■ 121.6520, 36.6310,
13.4550

■ 87.3030, 65.8350,
23.8430

■ 133.5690, 26.4990,
9.8510

■ 75.5000, 75.6460,
27.7580

■ 144.7850, 16.9630,
6.4590

■ 64.2840, 85.1820,
31.1500

■ 156.5880, 7.1520,
2.5440

■ 52.4810, 94.9930,
35.0650

■ 167.8040, -2.3840,
-0.8480


■ 49.5630, 97.6980,
35.6020

■ 179.7210,
-12.5160, -4.4520

■ 191.5240,
-22.3270, -8.3670

■ 202.7400,

-31.8630, -11.7590

 214.6570,
-41.9950, -15.3630

Harmonies

Analogous

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



111.9590, 34.7490, 25.5410



110.4360, 46.1670, 16.8470



109.4060, 45.7110, 3.0790

Triad

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



110.4360, 46.1670, 16.8470



100.3930, -15.3090, -25.4290



99.2150, -60.5210, 1.0070

Complementary

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



110.4360, 46.1670, 16.8470



141.5640, -46.1670, -16.8470

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.



89.3980, -83.6260, -15.2900



110.4360, 46.1670, 16.8470



86.2100, -63.2660, -31.8580

Square

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



110.4360, 46.1670, 16.8470



105.0560, 13.6210, -21.0910



88.4230, -76.7470, -24.3230



110.8290, -20.7270, 17.7130

Rectangle

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



110.4360, 46.1670, 16.8470



108.0750, 38.9730, -6.9710



88.4230, -76.7470, -24.3230



87.6030, -85.4610, -9.5650

Sweetspot

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



110.4360, 46.1670, 16.8470



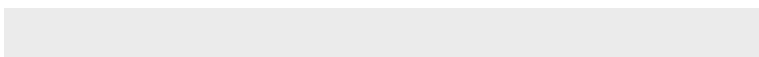
193.0840, 17.5590, 6.6710



118.9150, 20.8540, 40.5820



94.3820, 10.7280, 3.8160



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



110.4360, 46.1670, 16.8470



128.7060, 72.0700, 26.4860



132.6280, 36.0380, -3.3380



75.8050, 5.0430, 2.2190



43.5830, 85.7780, 31.3620



5.3820, 10.7280, 3.8160

Inverse Universe

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



110.4360, 46.1670, 16.8470



128.7060, 72.0700, 26.4860



119.3720, -36.0380, 3.3380



75.8050, 5.0430, 2.2190



43.5830, 85.7780, 31.3620



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 110.4360, 46.1670, 16.8470 looks on a white background.

Color Contrast Check

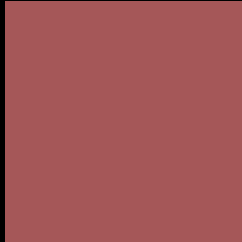
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4360, 46.1670, 16.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

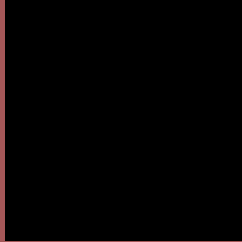
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.4360, 46.1670, 16.8470

Background



This preview shows how black text looks on a background with the YIQ color 110.4360, 46.1670, 16.8470.

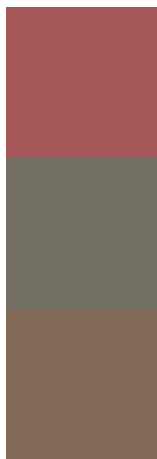


This preview shows how white text looks on a background with the YIQ color 110.4360, 46.1670,

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

110.4360, 46.1670, 16.8470

Protanopia

110.2410, 6.5110, -2.3610

Deuteranopia

110.4830, 20.4490, -1.6550



Tritanopia

110.3050, 45.1580, 18.6140

Trichromacy



Original Color

110.4360, 46.1670, 16.8470

Protanomaly

110.4710, 20.7230, 4.3950

Deuteranomaly

110.3750, 29.8010, 5.0730

Tritanomaly

110.1910, 45.4790, 18.3030

Monochromacy



Original Color

110.4360, 46.1670, 16.8470

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3720, 16.6880, 5.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4360, 46.1670, 16.8470 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(165, 87, 88)` looks like.

```
.text, #text, p{  
    color:rgb(165, 87, 88)  
}
```

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(165, 87, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 87, 88) }
```

Border

The CSS property to change the border of an element to YIQ 110.4360, 46.1670, 16.8470 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(165, 87, 88) }
```


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

```
.border{ border-color:rgb(165, 87, 88) }
```

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

Here you see how a box with a 4 pixel rgb(165, 87, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 87, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 87, 88);  
box-shadow:4px 4px 4px 4px rgb(165, 87,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4360, 46.1670, 16.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 87, 88) }
```

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

```
.background{ background-color: rgb(165, 87,  
88) }
```

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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