

Converting Colors

YIQ(110.4030, 15.4030, 12.7070)

Have a look what the booklet for
YIQ(110.4030, 15.4030, 12.7070)
contains.

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Color

**YIQ(110.4030, 15.4030,
12.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	856273
RGB	133, 98, 115
RGB Percent	52%, 38%, 45%
CMY	0.4783, 0.6157, 0.5490
CMYK	0.00, 0.26, 0.14, 0.48
HSL	331°, 15%, 45%
HSV	331°, 26%, 52%
XYZ	17.1382, 14.9592, 18.2075
YIQ	110.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

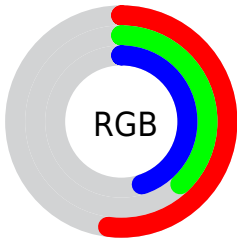
Format	Color
R_{YB}	133, 98, 115
Decimal	8741491
CIE Lab	45.58, 17.05, -4.02
CIE LCh	46, 17.517, 346.744
Yxy	14.9592, 0.3407, 0.2974
Android (android.graphics.Color)	4286931571 (0xFF856273)
YUV	110.4030, 2.2663, 19.8176
Hunter-Lab	38.6771, 11.4099, -0.8371

Details

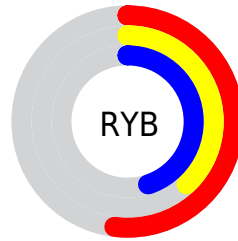
The YIQ color **110.4030, 15.4030, 12.7070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.5970, -15.4030, -12.7070**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4140, 16.8700, 13.6540**, and **62.3920, 13.9360, 11.7600** is the 20% darker color. If you saturate the color by 10%, you get **101.9740, 21.2250, 17.3290**, and if you desaturate by 10%, it is **118.8320, 9.5810, 8.0850**.

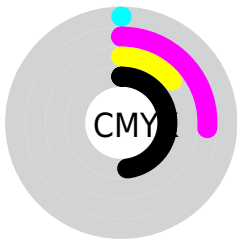
Distribution



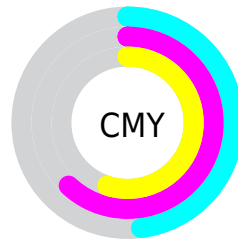
- Red (52%)
- Green (38%)
- Blue (45%)



- Red (52%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.4030, 15.4030, 12.7070 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 110.4030, 15.4030, 12.7070 by changing the saturation by 10% instead.

■ 110.4030, 15.4030,
12.7070

■ 110.4030, 15.4030,
12.7070

■ 255.0000, -0.0000,
-0.0000

■ 85.6910, 14.5320,
11.9720

■ 162.4140, 16.8700,
13.6540

■ 62.3920, 13.9360,
11.7600

■ 189.7130, 17.4660,
13.8660

■ 39.7940, 12.7440,
11.3360

■ 217.1260, 17.7410,
14.3890

■ 17.9080, 12.4230,
11.6470

■ 240.4560, 7.8840,
11.3080

■ 0.0000, 0.0000,
0.0000

■ 110.4030, 15.4030,

■ 110.4030, 15.4030,

12.7070

12.7070

101.9740, 21.2250,
17.3290

118.8320, 9.5810,
8.0850

92.9580, 27.3220,
22.4740

127.8480, 3.4840,
2.9400

84.5290, 33.1440,
27.0960

136.2770, -2.3380,
-1.6820

76.2140, 38.6450,
32.0290

144.5920, -7.8390,
-6.6150

67.1980, 44.7420,
37.1740

153.6080,
-13.9360, -11.7600

58.7690, 50.5640,
41.7960

162.0370,
-19.7580, -16.3820

50.3400, 56.3860,
46.4180

170.4660,
-25.5800, -21.0040

47.1770, 58.4030,
48.4110

178.8950,
-31.4020, -25.6260

■ 187.9110,
-37.4990, -30.7710

Harmonies

Analogous

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



109.7590, 2.6570, 12.4250



110.4030, 15.4030, 12.7070



110.1880, 23.1980, 9.1020

Triad

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



110.4030, 15.4030, 12.7070



106.5800, 9.6300, -9.3300



102.2440, -33.1020, -5.8220

Complementary

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



110.4030, 15.4030, 12.7070



120.5970, -15.4030, -12.7070

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.



101.3490, -29.2040, -10.3880



110.4030, 15.4030, 12.7070



104.3550, -2.9780, -12.1140

Square

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



110.4030, 15.4030, 12.7070



108.1300, 19.9450, -3.5350



102.9280, -17.8330, -12.7210



104.8800, -25.9050, 1.4150

Rectangle

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



110.4030, 15.4030, 12.7070



109.4500, 25.2160, 5.5680



102.9280, -17.8330, -12.7210



101.4890, -32.4140, -7.2780

Sweetspot

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



110.4030, 15.4030, 12.7070



164.5710, 5.8220, 4.6220



107.3720, -0.5070, 14.7010



81.1470, 4.0800, 3.1520



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.



110.4030, 15.4030, 12.7070



137.5230, 24.1130, 20.0570



108.4650, 20.8600, 7.4200



62.1360, 2.6130, 2.2050



46.0520, 57.2570, 47.1530



1.0110, 1.4670, 0.9470

Inverse Universe

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



110.4030, 15.4030, 12.7070



137.5230, 24.1130, 20.0570



122.5350, -20.8600, -7.4200



62.1360, 2.6130, 2.2050



46.0520, 57.2570, 47.1530



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 110.4030, 15.4030, 12.7070 looks on a white background.

Color Contrast Check

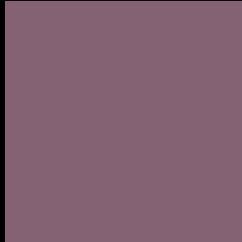
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4030, 15.4030, 12.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

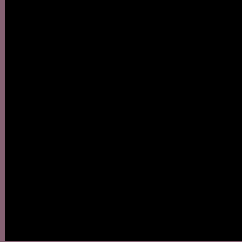
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.4030, 15.4030, 12.7070

Background



This preview shows how black text looks on a background with the YIQ color 110.4030, 15.4030, 12.7070.



This preview shows how white text looks on a background with the YIQ color 110.4030, 15.4030,

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

110.4030, 15.4030, 12.7070

Protanopia

108.2970, -5.0900, 4.1420

Deuteranopia

109.3150, 3.6670, 5.1310



Tritanopia

109.7790, 17.1000, 9.4840

Trichromacy



Original Color

110.4030, 15.4030, 12.7070

Protanomaly

109.2980, 2.3370, 7.2090

Deuteranomaly

109.3480, 8.0680, 7.9720

Tritanomaly

110.1210, 16.1370, 10.4170

Monochromacy



Original Color

110.4030, 15.4030, 12.7070

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2720, 5.2260, 4.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4030, 15.4030, 12.7070 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(133, 98, 115)` looks like.

```
.text, #text, p{  
    color:rgb(133, 98, 115)  
}
```

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(133, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 98, 115) }
```

Border

The CSS property to change the border of an element to YIQ 110.4030, 15.4030, 12.7070 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(133, 98, 115) }
```


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

```
.border{ border-color:rgb(133, 98, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 98, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 98, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 98, 115); box-shadow:4px 4px 4px 4px rgb(133, 98, 115) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4030, 15.4030, 12.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 98, 115) }
```

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

```
.background{ background-color: rgb(133, 98,  
115) }
```

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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