

Converting Colors

YIQ(112.0310, 7.8830, 16.8350)

Have a look what the booklet for
YIQ(112.0310, 7.8830, 16.8350)
contains.

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Color

**YIQ(112.0310, 7.8830,
16.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	826384
RGB	130, 99, 132
RGB Percent	51%, 39%, 52%
CMY	0.4901, 0.6118, 0.4823
CMYK	0.01, 0.25, 0.00, 0.48
HSL	296°, 14%, 45%
HSV	296°, 25%, 52%
XYZ	17.8352, 15.3349, 23.8502
YIQ	112.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

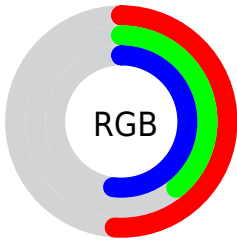
Format	Color
R_{YB}	130, 99, 132
Decimal	8545156
CIE _{Lab}	46.09, 18.63, -13.51
CIE _{LCh}	46, 23.009, 324.044
Yxy	15.3349, 0.3128, 0.2689
Android (android.graphics.Color)	4286735236 (0xFF826384)
YUV	112.0310, 9.8447, 15.7588
Hunter-Lab	39.1599, 12.7673, -8.6986

Details

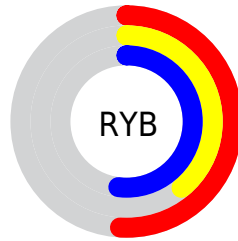
The YIQ color **112.0310, 7.8830, 16.8350** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118.9690, -7.8830, -16.8350**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8570, 8.4330, 17.8810**, and **63.7920, 7.0580, 15.2660** is the 20% darker color. If you saturate the color by 10%, you get **104.1010, 10.8620, 23.4220**, and if you desaturate by 10%, it is **119.9610, 4.9040, 10.2480**.

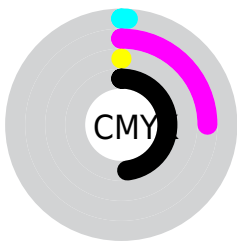
Distribution



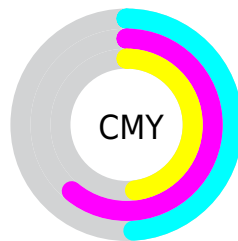
- Red (51%)
- Green (39%)
- Blue (52%)



- Red (51%)
- Yellow (39%)
- Blue (52%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0310, 7.8830, 16.8350 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 112.0310, 7.8830, 16.8350 by changing the saturation by 10% instead.

■ 112.0310, 7.8830,
16.8350

■ 112.0310, 7.8830,
16.8350

■ 255.0000, -0.0000,
-0.0000

■ 87.6180, 7.6080,
16.3120

■ 163.8570, 8.4330,
17.8810

■ 63.7920, 7.0580,
15.2660

■ 191.2700, 8.7080,
18.4040

■ 41.3790, 6.7830,
14.7430

■ 218.9820, 9.5790,
19.1390

■ 19.4930, 6.4620,
15.0540

■ 242.0860, 6.0500,
11.5060

■ 1.8240, -5.1360,
4.9760

■ 0.0000, 0.0000,
0.0000

■ 112.0310, 7.8830,
16.8350

■ 112.0310, 7.8830,
16.8350

■ 104.1010, 10.8620,
23.4220

■ 119.9610, 4.9040,
10.2480

■ 96.1710, 13.8410,
30.0090

■ 127.8910, 1.9250,
3.6610

■ 87.9530, 17.6910,
37.3310

■ 136.1090, -1.9250,
-3.6610

■ 80.0230, 20.6700,
43.9180

■ 144.0390, -4.9040,
-10.2480

■ 72.0930, 23.6490,
50.5050

■ 151.9690, -7.8830,
-16.8350

■ 64.1630, 26.6280,
57.0920

■ 159.8990,
-10.8620, -23.4220

■ 56.2330, 29.6070,
63.6790


■ 167.8290,
-13.8410, -30.0090

■ 52.1240, 31.5320,

■ 176.0470,

67.3400

-17.6910, -37.3310

 183.9770,
-20.6700, -43.9180

Harmonies

Analogous

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



110.3320, -12.1980, 11.8180



112.0310, 7.8830, 16.8350



111.8170, 23.1050, 16.2970

Triad

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



112.0310, 7.8830, 16.8350



108.5770, 22.8800, -7.1680



97.4440, -45.7090, -14.1330

Complementary

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



112.0310, 7.8830, 16.8350



118.9690, -7.8830, -16.8350

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.



100.3610, -29.4780, -16.4380



112.0310, 7.8830, 16.8350



106.4610, 8.3470, -13.6130

Square

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



112.0310, 7.8830, 16.8350



109.8650, 31.1770, 2.1610



103.5990, -9.7170, -16.6370



100.1870, -46.1230, -6.6270

Rectangle

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



112.0310, 7.8830, 16.8350



111.5310, 29.6620, 13.1020



103.5990, -9.7170, -16.6370



98.5430, -41.6740, -15.6740

Sweetspot

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



112.0310, 7.8830, 16.8350



162.4830, 3.2540, 7.1100



103.9360, -11.1430, 9.2170



81.4180, 1.8790, 4.4950



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.



112.0310, 7.8830, 16.8350



140.1660, 12.2370, 26.0370



111.0330, 13.5690, 12.9050



62.4780, 1.6500, 3.1380



51.2980, 30.9820, 66.2940



0.9400, 0.2290, 1.3570

Inverse Universe

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



109.0950, 19.0260, 7.6180



135.5910, 29.4330, 11.7450



119.9670, -13.5690, -12.9050



61.7940, 3.5760, 1.2720



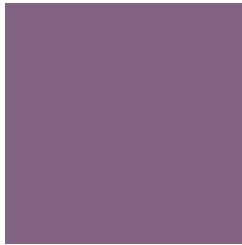
39.7820, 74.9120, 30.0480



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 112.0310, 7.8830, 16.8350 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 112.0310, 7.8830, 16.8350 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 112.0310, 7.8830, 16.8350

Background



This preview shows how black text looks on a background with the YIQ color 112.0310, 7.8830, 16.8350.



This preview shows how white text looks on a background with the YIQ color 112.0310, 7.8830,

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

112.0310, 7.8830, 16.8350

Protanopia

109.6260, -13.2060, 8.0580

Deuteranopia

110.5190, -5.5950, 7.7890



Tritanopia

111.0880, 11.7360, 7.5760

Trichromacy



Original Color

112.0310, 7.8830, 16.8350

Protanomaly

110.6270, -5.7790, 11.1250

Deuteranomaly

110.9650, -0.9190, 11.1530

Tritanomaly

111.7120, 10.0390, 10.7990

Monochromacy



Original Color

112.0310, 7.8830, 16.8350

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0310, 7.8830, 16.8350 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(130, 99, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 99, 132)  
}
```

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(130, 99, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 99, 132) }
```

Border

The CSS property to change the border of an element to YIQ 112.0310, 7.8830, 16.8350 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(130, 99, 132) }
```


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

```
.border{ border-color:rgb(130, 99, 132) }
```

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

Here you see how a box with a 4 pixel rgb(130, 99, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 99, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 99, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 99,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0310, 7.8830, 16.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 99, 132) }
```

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

```
.background{ background-color: rgb(130, 99,  
132) }
```

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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