

Converting Colors

YIQ(120.0670, 16.2290, 8.7490)

Have a look what the booklet for
YIQ(120.0670, 16.2290, 8.7490)
contains.

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Color

**YIQ(120.0670, 16.2290,
8.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6E75
RGB	141, 110, 117
RGB Percent	55%, 43%, 46%
CMY	0.4470, 0.5687, 0.5411
CMYK	0.00, 0.22, 0.17, 0.45
HSL	346°, 12%, 49%
HSV	346°, 22%, 55%
XYZ	19.7742, 18.0982, 19.2854
YIQ	120.0670, 16.2290, 8.7490

Conversions

Conversions Part 2

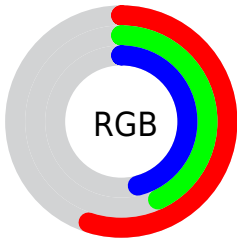
Format	Color
R_{YB}	141, 110, 117
Decimal	9268853
CIE Lab	49.62, 13.45, 0.81
CIE LCh	50, 13.473, 3.449
Yxy	18.0982, 0.3460, 0.3166
Android (android.graphics.Color)	4287458933 (0xFF8D6E75)
YUV	120.0670, -1.5120, 18.3582
Hunter-Lab	42.5420, 8.5211, 2.9018

Details

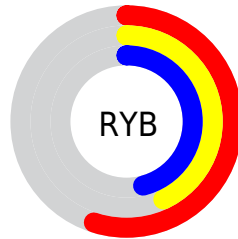
The YIQ color **120.0670, 16.2290, 8.7490** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.9330, -16.2290, -8.7490**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.6650, 17.4210, 9.1730**, and **71.1700, 14.4410, 8.1130** is the 20% darker color. If you saturate the color by 10%, you get **110.5950, 23.6100, 12.6500**, and if you desaturate by 10%, it is **129.5390, 8.8480, 4.8480**.

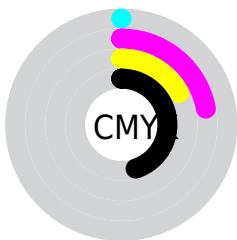
Distribution



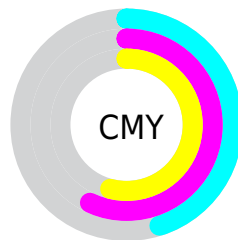
- Red (55%)
- Green (43%)
- Blue (46%)



- Red (55%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (45%)





- Cyan (45%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.0670, 16.2290, 8.7490 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 120.0670, 16.2290, 8.7490 by changing the saturation by 10% instead.


 120.0670, 16.2290,
8.7490


 120.0670, 16.2290,
8.7490


255.0000, -0.0000,
-0.0000


 95.3550, 15.3580,
8.0140


 172.6650, 17.4210,
9.1730


 71.1700, 14.4410,
8.1130


 199.9640, 18.0170,
9.3850

 48.5720, 13.2490,
7.6890

 228.2630, 18.6130,
9.5970

 27.2730, 12.6530,
7.4770

 248.9020, 3.3920,
4.6080

 7.2900, 13.9830,
5.3990

 0.0000, 0.0000,
0.0000

■ 120.0670, 16.2290,
8.7490

■ 120.0670, 16.2290,
8.7490

■ 110.5950, 23.6100,
12.6500

■ 129.5390, 8.8480,
4.8480

■ 101.1230, 30.9910,
16.5510

■ 139.0110, 1.4670,
0.9470

■ 91.6510, 38.3720,
20.4520

■ 148.4830, -5.9140,
-2.9540

■ 82.1790, 45.7530,
24.3530

■ 157.9550,
-13.2950, -6.8550

■ 72.1200, 53.4090,
28.7770

■ 168.0140,
-20.9510, -11.2790

■ 62.7620, 60.4690,
32.9890

■ 177.3720,
-28.0110, -15.4910

■ 53.2900, 67.8500,
36.8900


■ 186.8440,
-35.3920, -19.3920

■ 45.8070, 73.7640,

■ 196.3160,

39.8440

-42.7730, -23.2930

 205.7880,
-50.1540, -27.1940

Harmonies

Analogous

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



119.8150, 8.2510, 10.1630



120.0670, 16.2290, 8.7490



119.4000, 19.4850, 4.8050

Triad

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



120.0670, 16.2290, 8.7490



116.1000, 2.2940, -8.5380



115.4520, -21.8240, -0.9600

Complementary

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



120.0670, 16.2290, 8.7490



130.9330, -16.2290, -8.7490

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.



113.9200, -23.3820, -5.7660



120.0670, 16.2290, 8.7490



114.8860, -8.8470, -10.3750

Square

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



120.0670, 16.2290, 8.7490



117.7700, 12.1510, -5.4570



113.8510, -18.9340, -9.2860



117.9200, -14.2140, 4.2980

Rectangle

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



120.0670, 16.2290, 8.7490



118.9930, 19.0730, 1.2570



113.8510, -18.9340, -9.2860



114.9140, -23.2450, -2.7410

Sweetspot

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



120.0670, 16.2290, 8.7490



175.2290, 6.7850, 3.6890



120.7100, 4.3530, 14.7290



86.6200, 4.1260, 2.3180



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



120.0670, 16.2290, 8.7490



151.6060, 25.0770, 13.5970



123.9650, 16.2760, 2.3880



66.3210, 3.5300, 2.1060



43.8990, 70.5090, 38.2610



2.6200, 4.1260, 2.3180

Inverse Universe

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



120.0670, 16.2290, 8.7490



151.6060, 25.0770, 13.5970



127.0350, -16.2760, -2.3880



66.3210, 3.5300, 2.1060



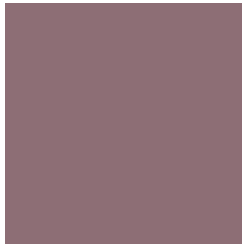
43.8990, 70.5090, 38.2610



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 120.0670, 16.2290, 8.7490 looks on a white background.

Color Contrast Check

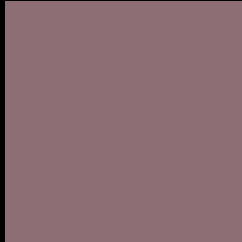
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0670, 16.2290, 8.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

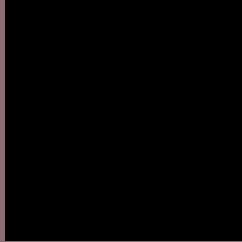
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0670, 16.2290, 8.7490

Background



This preview shows how black text looks on a background with the YIQ color 120.0670, 16.2290, 8.7490.



This preview shows how white text looks on a background with the YIQ color 120.0670, 16.2290,

8.7490.

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

120.0670, 16.2290, 8.7490

Protanopia

118.6410, -0.3670, 1.1450

Deuteranopia

119.0120, 8.8940, 4.0140



Tritanopia

120.1810, 15.9080, 9.0600

Trichromacy



Original Color

120.0670, 16.2290, 8.7490

Protanomaly

119.1580, 5.5470, 4.0990

Deuteranomaly

119.6210, 11.5530, 5.3850

Tritanomaly

120.1810, 15.9080, 9.0600

Monochromacy



Original Color

120.0670, 16.2290, 8.7490

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0670, 16.2290, 8.7490 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(141, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 110, 117)  
}
```

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(141, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 110, 117) }
```

Border

The CSS property to change the border of an element to YIQ 120.0670, 16.2290, 8.7490 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(141, 110, 117) }
```


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

```
.border{ border-color:rgb(141, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 110,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0670, 16.2290, 8.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 110, 117) }
```

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

```
.background{ background-color: rgb(141,  
110, 117) }
```

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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