

Converting Colors

YIQ(117.6820, 18.7510, 7.0950)

Have a look what the booklet for
YIQ(117.6820, 18.7510, 7.0950)
contains.

YIQ(117.6820, 18.7510, 7.0950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(117.6820, 18.7510,
7.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6C6D
RGB	140, 108, 109
RGB Percent	55%, 42%, 43%
CMY	0.4509, 0.5765, 0.5725
CMYK	0.00, 0.23, 0.22, 0.45
HSL	358°, 13%, 49%
HSV	358°, 23%, 55%
XYZ	18.9410, 17.4040, 16.8343
YIQ	117.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

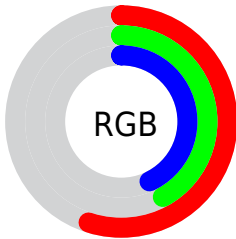
Format	Color
R_{YB}	140, 108, 109
Decimal	9202797
CIE Lab	48.77, 12.89, 4.32
CIE LCh	49, 13.596, 18.529
Yxy	17.4040, 0.3562, 0.3273
Android (android.graphics.Color)	4287392877 (0xFF8C6C6D)
YUV	117.6820, -4.2802, 19.5729
Hunter-Lab	41.7181, 8.0366, 5.2776

Details

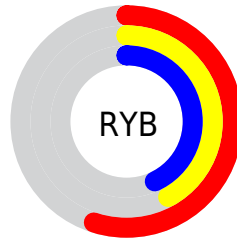
The YIQ color **117.6820, 18.7510, 7.0950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.3180, -18.7510, -7.0950**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1660, 20.2640, 7.2080**, and **68.8990, 16.6420, 6.7700** is the 20% darker color. If you saturate the color by 10%, you get **107.8680, 27.0950, 10.0630**, and if you desaturate by 10%, it is **127.4960, 10.4070, 4.1270**.

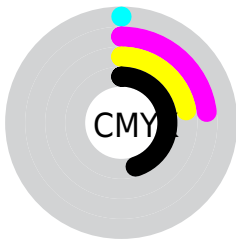
Distribution



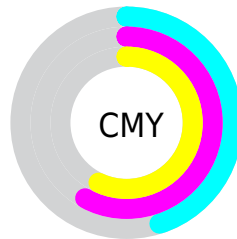
- Red (55%)
- Green (42%)
- Blue (43%)



- Red (55%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (45%)





- Cyan (45%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.6820, 18.7510, 7.0950 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 117.6820, 18.7510, 7.0950 by changing the saturation by 10% instead.


 117.6820, 18.7510,
7.0950


 117.6820, 18.7510,
7.0950


255.0000, -0.0000,
-0.0000


 93.0840, 17.5590,
6.6710


 170.1660, 20.2640,
7.2080


 68.8990, 16.6420,
6.7700


 197.4650, 20.8600,
7.4200


 46.3010, 15.4500,
6.3460

 225.1770, 21.7310,
8.1550

 25.2900, 13.9830,
5.3990

 246.7020, 6.8310,
2.8550

 5.3820, 10.7280,
3.8160

 0.0000, 0.0000,
0.0000

■ 117.6820, 18.7510,
7.0950

■ 117.6820, 18.7510,
7.0950

■ 107.8680, 27.0950,
10.0630

■ 127.4960, 10.4070,
4.1270

■ 98.1680, 35.1180,
13.3420

■ 137.1960, 2.3840,
0.8480

■ 88.3540, 43.4620,
16.3100

■ 147.0100, -5.9600,
-2.1200

■ 78.6540, 51.4850,
19.5890

■ 156.7100,
-13.9830, -5.3990

■ 68.8400, 59.8290,
22.5570

■ 166.5240,
-22.3270, -8.3670

■ 59.1400, 67.8520,
25.8360

■ 176.2240,
-30.3500, -11.6460

■ 49.3260, 76.1960,
28.8040

■ 186.0380,
-38.6940, -14.6140

■ 42.4300, 81.8350,

■ 195.7380,

31.2350

-46.7170, -17.8930

■ 205.5520,
-55.0610, -20.8610

Harmonies

Analogous

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



117.8540, 12.5150, 9.9790



117.6820, 18.7510, 7.0950



116.8190, 19.6230, 2.3030

Triad

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



117.6820, 18.7510, 7.0950



112.9360, -3.1160, -9.6120



114.0010, -18.9360, 1.7680

Complementary

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



117.6820, 18.7510, 7.0950



130.3180, -18.7510, -7.0950

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.



112.2020, -24.1160, -3.4760



117.6820, 18.7510, 7.0950



111.7760, -14.3490, -9.7810

Square

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



117.6820, 18.7510, 7.0950



114.3780, 7.3830, -7.1530



111.0510, -22.3730, -7.5330



116.0240, -8.5750, 6.7290

Rectangle

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



117.6820, 18.7510, 7.0950



116.0420, 17.3770, -1.0470



111.0510, -22.3730, -7.5330



113.2780, -21.2740, 0.0860

Sweetspot

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



117.6820, 18.7510, 7.0950



172.0010, 7.4270, 3.0670



120.9170, 8.2040, 16.5240



86.5060, 4.4470, 2.0070



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.



117.6820, 18.7510, 7.0950



146.8790, 28.5620, 11.0100



126.3730, 14.9470, -1.0610



64.0930, 4.1720, 1.4840



40.2230, 77.9840, 29.4400



1.4950, 2.9800, 1.0600

Inverse Universe

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



117.6820, 18.7510, 7.0950



146.8790, 28.5620, 11.0100



121.6270, -14.9470, 1.0610



64.0930, 4.1720, 1.4840



40.2230, 77.9840, 29.4400



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 117.6820, 18.7510, 7.0950 looks on a white background.

Color Contrast Check

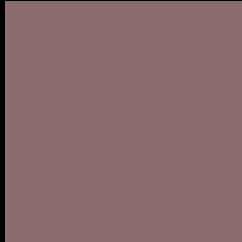
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6820, 18.7510, 7.0950 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 117.6820, 18.7510, 7.0950

Background



This preview shows how black text looks on a background with the YIQ color 117.6820, 18.7510, 7.0950.

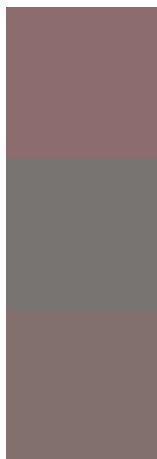


This preview shows how white text looks on a background with the YIQ color 117.6820, 18.7510,

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

117.6820, 18.7510, 7.0950

Protanopia

116.5550, 2.7510, -0.2970

Deuteranopia

116.9260, 12.0120, 2.5720



Tritanopia

118.0780, 17.6960, 9.6960

Trichromacy



Original Color

117.6820, 18.7510, 7.0950

Protanomaly

117.0720, 8.6650, 2.6570

Deuteranomaly

117.5350, 14.6710, 3.9430

Tritanomaly

117.8500, 18.3380, 9.0740

Monochromacy



Original Color

117.6820, 18.7510, 7.0950

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7020, 6.8310, 2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.6820, 18.7510, 7.0950 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(140, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(140, 108, 109)  
}
```

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(140, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 108, 109) }
```

Border

The CSS property to change the border of an element to YIQ 117.6820, 18.7510, 7.0950 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(140, 108, 109) }
```


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

```
.border{ border-color:rgb(140, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(140, 108,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 117.6820, 18.7510, 7.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 108, 109) }
```

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

```
.background{ background-color: rgb(140,  
108, 109) }
```

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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