

# Converting Colors

YIQ(119.9380, 20.9060, 6.5860)

Have a look what the booklet for  
YIQ(119.9380, 20.9060, 6.5860)  
contains.

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# Color

**YIQ(119.9380, 20.9060,  
6.5860)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	906E6C
RGB	144, 110, 108
RGB Percent	56%, 43%, 42%
CMY	0.4352, 0.5687, 0.5764
CMYK	0.00, 0.24, 0.25, 0.44
HSL	3°, 14%, 49%
HSV	3°, 25%, 56%
XYZ	19.7875, 18.1631, 16.6563
YIQ	119.9380, 20.9060, 6.5860

# Conversions

## Conversions Part 2

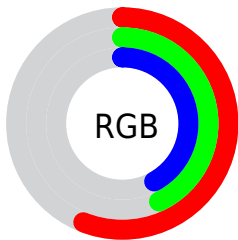
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 110, 108
Decimal	9465452
CIELab	49.69, 13.18, 6.30
CIELCh	50, 14.606, 25.555
Yxy	18.1631, 0.3624, 0.3326
Android (android.graphics.Color)	4287655532 (0xFF906E6C)
YUV	119.9380, -5.8854, 21.1024
Hunter-Lab	42.6181, 8.2952, 6.6606

# Details

The YIQ color **119.9380, 20.9060, 6.5860** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.0620, -20.9060, -6.5860**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.4220, 22.4190, 6.6990**, and **71.1550, 18.7970, 6.2610** is the 20% darker color. If you saturate the color by 10%, you get **110.1240, 29.2500, 9.5540**, and if you desaturate by 10%, it is **129.7520, 12.5620, 3.6180**.

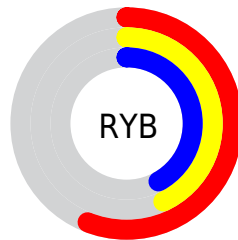
# Distribution



Red (56%)

Green (43%)

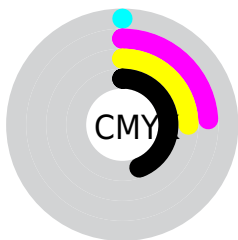
Blue (42%)



Red (56%)

Yellow (43%)

Blue (42%)

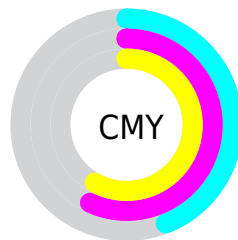


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (44%)



Cyan (44%)

Magenta (57%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9380, 20.9060, 6.5860 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 119.9380, 20.9060, 6.5860 by changing the saturation by 10% instead.





 119.9380, 20.9060,  
6.5860


 119.9380, 20.9060,  
6.5860


255.0000, -0.0000,  
-0.0000


 95.3400, 19.7140,  
6.1620


 172.4220, 22.4190,  
6.6990

 71.1550, 18.7970,  
6.2610


 200.0200, 23.6110,  
7.1230

 48.2580, 17.0090,  
5.6250

 228.0200, 23.6110,  
7.1230

 26.7740, 15.4960,  
5.5120

 247.6480, 6.9230,  
1.1870

 7.2900, 13.9830,  
5.3990

 0.0000, 0.0000,  
0.0000

■ 119.9380, 20.9060,  
6.5860

■ 119.9380, 20.9060,  
6.5860

■ 110.1240, 29.2500,  
9.5540

■ 129.7520, 12.5620,  
3.6180

■ 100.7830, 37.6400,  
11.6880

■ 139.0930, 4.1720,  
1.4840

■ 90.9690, 45.9840,  
14.6560

■ 148.9070, -4.1720,  
-1.4840

■ 81.6280, 54.3740,  
16.7900

■ 158.2480,  
-12.5620, -3.6180

■ 71.8140, 62.7180,  
19.7580

■ 168.0620,  
-20.9060, -6.5860

■ 62.0000, 71.0620,  
22.7260

■ 177.8760,  
-29.2500, -9.5540

■ 52.6590, 79.4520,  
24.8600

■ 187.2170,  
-37.6400, -11.6880

■ 47.7520, 83.6240,

■ 197.0310,

26.3440

-45.9840, -14.6560

■ 206.9590,  
-54.6490, -17.3130

# Harmonies

## Analogous

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



120.7080, 15.8620, 9.8940



119.9380, 20.9060, 6.5860



119.3630, 20.9070, 1.0590

# Triad

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



119.9380, 20.9060, 6.5860



115.1420, -6.6920, -10.8840



117.2400, -18.1110, 3.3370

# Complementary

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



119.9380, 20.9060, 6.5860



132.0620, -20.9060, -6.5860

# 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.



114.5440, -25.0790, -2.5430



119.9380, 20.9060, 6.5860



113.5090, -17.9710, -10.2190

# Square

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



119.9380, 20.9060, 6.5860



116.6550, 5.0450, -8.8350



113.0830, -25.3990, -7.7590



119.3340, -6.5120, 7.8880



# Rectangle

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



119.9380, 20.9060, 6.5860



117.9880, 17.4690, -2.7150



113.0830, -25.3990, -7.7590



116.2180, -21.0450, 1.4430

# Sweetspot

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



119.9380, 20.9060, 6.5860



177.4740, 7.4730, 2.2330



122.6400, 10.5420, 18.2060



89.0930, 4.1720, 1.4840



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



119.9380, 20.9060, 6.5860



148.5050, 32.5510, 10.3030



130.5040, 15.9560, -2.8280



66.6800, 3.8970, 0.9610



44.4740, 78.5350, 24.9590



2.3920, 4.7680, 1.6960



# Inverse Universe

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



132.0620, -20.9060, -6.5860



167.4950, -32.5510, -10.3030



121.4960, -15.9560, 2.8280



68.9070, -4.1720, -1.4840



90.5260, -78.5350, -24.9590



5.0210, -4.4930, -1.1730



# Previews

## White Background



This preview shows how the YIQ color 119.9380, 20.9060, 6.5860 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 119.9380, 20.9060, 6.5860 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 119.9380, 20.9060, 6.5860**

## **Background**



This preview shows how black text looks on a background with the YIQ color 119.9380, 20.9060, 6.5860.



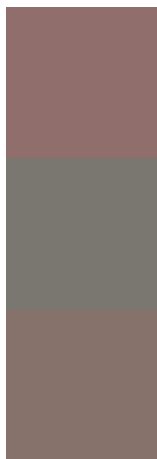
This preview shows how white text looks on a background with the YIQ color 119.9380, 20.9060,

6.5860.

# 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

119.9380, 20.9060, 6.5860

### Protanopia

118.5120, 4.3100, -1.0180

### Deuteranopia

119.1820, 14.1670, 2.0630



## Tritanopia

120.6760, 18.8880, 10.1200

# Trichromacy



## Original Color

119.9380, 20.9060, 6.5860

## Protanomaly

119.0290, 10.2240, 1.9360

## Deuteranomaly

119.7910, 16.8260, 3.4340

## Tritanomaly

120.3340, 19.8510, 9.1870

# Monochromacy



## Original Color

119.9380, 20.9060, 6.5860

## Achromatopsia

120.0000, -0.0000, -0.0000

## Achromatomaly

119.8870, 7.7480, 2.7560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.9380, 20.9060, 6.5860 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(144, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(144, 110, 108)  
}
```

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(144, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 110, 108) }
```

## Border

The CSS property to change the border of an element to YIQ 119.9380, 20.9060, 6.5860 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(144, 110, 108) }
```



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

```
.border{ border-color:rgb(144, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(144, 110,  
108) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.9380, 20.9060, 6.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 110, 108) }
```

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

```
.background{ background-color: rgb(144,  
110, 108) }
```

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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