

# Converting Colors

YIQ(155.9110, 16.3680, 0.7200)

Have a look what the booklet for  
YIQ(155.9110, 16.3680, 0.7200)  
contains.

<b>YIQ(155.9110, 16.3680, 0.7200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(155.9110, 16.3680,  
0.7200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC978B
RGB	172, 151, 139
RGB Percent	67%, 59%, 55%
CMY	0.3254, 0.4079, 0.4548
CMYK	0.00, 0.12, 0.19, 0.33
HSL	22°, 17%, 61%
HSV	22°, 19%, 67%
XYZ	32.7424, 32.7669, 29.0323
YIQ	155.9110, 16.3680, 0.7200

# Conversions

## Conversions Part 2

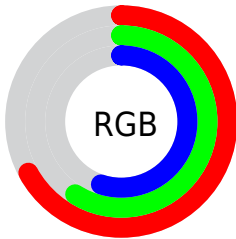
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">172, 158, 139</a>
Decimal	<a href="#">11310987</a>
CIELab	<a href="#">63.97, 5.80, 9.16</a>
CIElCh	<a href="#">64, 10.837, 57.648</a>
Yxy	<a href="#">32.7669, 0.3463, 0.3466</a>
Android (android.graphics.Color)	<a href="#">4289501067 (0xFFAC978B)</a>
YUV	<a href="#">155.9110, -8.3371, 14.1101</a>
Hunter-Lab	<a href="#">57.2424, 1.9272, 9.9988</a>

# Details

The YIQ color **155.9110, 16.3680, 0.7200** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.0890, -16.3680, -0.7200**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3950, 17.8810, 0.8330**, and **104.4270, 14.8550, 0.6070** is the 20% darker color. If you saturate the color by 10%, you get **147.5160, 24.8500, 1.1860**, and if you desaturate by 10%, it is **164.3060, 7.8860, 0.2540**.

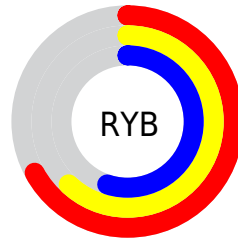
# Distribution



Red (67%)

Green (59%)

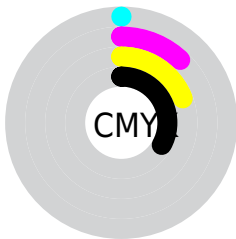
Blue (55%)



Red (67%)

Yellow (62%)

Blue (55%)

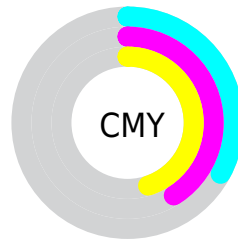


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (41%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 155.9110, 16.3680, 0.7200 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 155.9110, 16.3680, 0.7200 by changing the saturation by 10% instead.





 155.9110, 16.3680,  
0.7200


 155.9110, 16.3680,  
0.7200


255.0000, -0.0000,  
-0.0000


 129.7260, 15.4510,  
0.8190


 210.3950, 17.8810,  
0.8330


 104.4270, 14.8550,  
0.6070


 238.0960, 17.2850,  
0.6210

 80.2420, 13.9380,  
0.7060

 254.3160, 1.9260,  
-1.8660

 57.6440, 12.7460,  
0.2820

 35.4590, 11.8290,  
0.3810

 13.6550, 14.2130,  
1.2290

 0.0000, 0.0000,

0.0000

■ 155.9110, 16.3680,  
0.7200

■ 155.9110, 16.3680,  
0.7200

■ 147.5160, 24.8500,  
1.1860

■ 164.3060, 7.8860,  
0.2540

■ 139.1210, 33.3320,  
1.6520

■ 172.7010, -0.5960,  
-0.2120

■ 130.6120, 42.1350,  
1.8070

■ 181.2100, -9.3990,  
-0.3670

■ 122.2170, 50.6170,  
2.2730

■ 189.6050,  
-17.8810, -0.8330

■ 113.8220, 59.0990,  
2.7390

■ 198.0000,  
-26.3630, -1.2990

■ 105.4270, 67.5810,  
3.2050

■ 206.3950,  
-34.8450, -1.7650

■ 97.0320, 76.0630,  
3.6710

■ 214.3340,  
-42.0430, -3.4750

■ 88.5230, 84.8660,  
3.8260

■ 220.7910,  
-45.0680, -9.2280

■ 87.8220, 85.4620,  
4.0380

■ 227.2480,  
-48.0930, -14.9810

# Harmonies

## Analogous

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



156.7310, 17.0550, 4.7910



155.9110, 16.3680, 0.7200



154.9380, 11.7380, -3.4780

# Triad

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



155.9110, 16.3680, 0.7200



152.1290, -13.8450, -7.9010



156.0630, -4.3110, 6.5450

# Complementary

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



155.9110, 16.3680, 0.7200



155.0890, -16.3680, -0.7200

# 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.



154.4640, -12.9300, 3.0540



155.9110, 16.3680, 0.7200



151.7850, -18.5680, -4.9040

# Square

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



155.9110, 16.3680, 0.7200



152.7940, -5.5920, -8.7920



152.8930, -18.7520, -1.5680



156.7930, 5.3170, 8.2690



# Rectangle

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



155.9110, 16.3680, 0.7200



154.1330, 6.6950, -5.6970



152.8930, -18.7520, -1.5680



155.5680, -7.2910, 5.4850

# Sweetspot

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



155.9110, 16.3680, 0.7200



217.8220, 6.3730, 0.1410



151.2610, 12.9270, 13.5270



108.1530, 3.9430, 0.1270



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000



# Same Dimension

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



155.9110, 16.3680, 0.7200



199.4020, 25.1710, 0.8750



165.3030, 11.9680, -7.6480



82.4520, 4.5390, 0.3390



77.1350, 74.2750, 3.0350



11.5730, 11.5080, 0.6920



# Inverse Universe

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



155.0890, -16.3680, -0.7200



198.1850, -25.4460, -1.3980



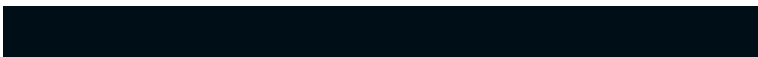
145.6970, -11.9680, 7.6480



82.5480, -4.5390, -0.3390



73.4520, -74.5500, -3.5580



11.4270, -11.5080, -0.6920



# Previews

## White Background



This preview shows how the YIQ color 155.9110, 16.3680, 0.7200 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

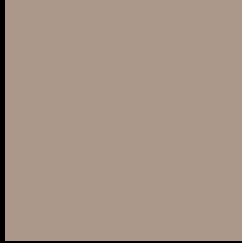
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 155.9110, 16.3680, 0.7200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

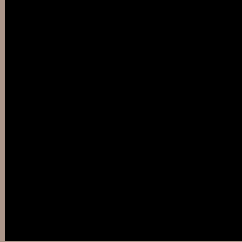
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 155.9110, 16.3680, 0.7200

## Background



This preview shows how black text looks on a background with the YIQ color 155.9110, 16.3680, 0.7200.



This preview shows how white text looks on a background with the YIQ color 155.9110, 16.3680,

0.7200.

# 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

155.9110, 16.3680, 0.7200

### Protanopia

155.1980, 8.0700, -3.0820

### Deuteranopia

156.5200, 19.0270, 2.0910



## Tritanopia

157.4410, 12.2400, 9.4560

# Trichromacy



## Original Color

155.9110, 16.3680, 0.7200

## Protanomaly

155.6930, 11.0500, -2.0220

## Deuteranomaly

156.2210, 18.4310, 1.8790

## Tritanomaly

156.8170, 13.9370, 6.2330

# Monochromacy



## Original Color

155.9110, 16.3680, 0.7200

## Achromatopsia

156.0000, -0.0000, -0.0000

## Achromatomaly

155.9360, 6.0520, 0.4520

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 155.9110, 16.3680, 0.7200 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(172, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 139)  
}
```

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(172, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 139) }
```

## Border

The CSS property to change the border of an element to YIQ 155.9110, 16.3680, 0.7200 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(172, 151, 139) }
```



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

```
.border{ border-color:rgb(172, 151, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 139);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
139) }
```

# Background

The CSS property to change the background color of an element to YIQ 155.9110, 16.3680, 0.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 139) }
```

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

```
.background{ background-color: rgb(172,  
151, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor