

Converting Colors

YIQ(165.6990, 55.6120, 16.3800)

Have a look what the booklet for
YIQ(165.6990, 55.6120, 16.3800)
contains.

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Color

**YIQ(165.6990, 55.6120,
16.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	E58C84
RGB	229, 140, 132
RGB Percent	90%, 55%, 52%
CMY	0.1018, 0.4511, 0.4821
CMYK	0.00, 0.39, 0.42, 0.10
HSL	5°, 65%, 71%
HSV	5°, 42%, 90%
XYZ	45.8714, 37.0794, 26.5899
YIQ	165.6990, 55.6120, 16.3800

Conversions

Conversions Part 2

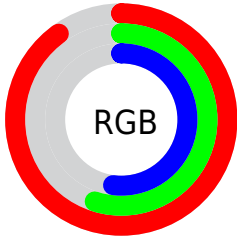
Format	Color
R _Y B	229, 141, 132
Decimal	15043716
CIE Lab	67.34, 32.99, 18.67
CIE LCh	67, 37.906, 29.512
Yxy	37.0794, 0.4188, 0.3385
Android (android.graphics.Color)	4293233796 (0xFFE58C84)
YUV	165.6990, -16.6136, 55.5150
Hunter-Lab	60.8929, 27.9037, 16.7350

Details

The YIQ color **165.6990, 55.6120, 16.3800** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **195.3010, -55.6120, -16.3800**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2130, 39.2450, 10.1330**, and **112.2470, 51.0730, 16.0410** is the 20% darker color. If you saturate the color by 10%, you get **150.7500, 68.7700, 20.2100**, and if you desaturate by 10%, it is **180.6480, 42.4540, 12.5500**.

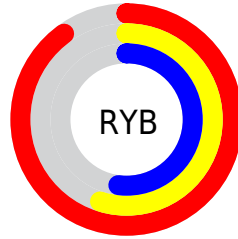
Distribution



Red (90%)

Green (55%)

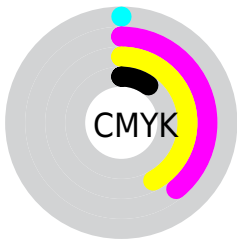
Blue (52%)



Red (90%)

Yellow (55%)

Blue (52%)

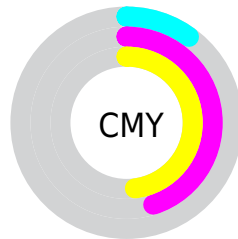


Cyan (0%)

Magenta (39%)

Yellow (42%)

Black (10%)



Cyan (10%)


Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.6990, 55.6120, 16.3800 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 165.6990, 55.6120, 16.3800 by changing the saturation by 10% instead.


 165.6990, 55.6120,
16.3800


 165.6990, 55.6120,
16.3800


255.0000, -0.0000,
-0.0000

 138.9160, 53.5030,
16.0550


 211.2130, 39.2450,
10.1330


 112.2470, 51.0730,
16.0410


 231.4280, 22.2820,
3.6740

 86.8660, 47.7720,
15.2920

 251.6430, 5.3190,
-2.7850

 61.3110, 45.0210,
15.5890

 36.1690, 42.5450,
16.4090

 18.2390, 36.3560,
12.9320

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 165.6990, 55.6120,
16.3800

■ 165.6990, 55.6120,
16.3800

■ 150.7500, 68.7700,
20.2100

■ 180.6480, 42.4540,
12.5500

■ 135.8010, 81.9280,
24.0400

■ 195.5970, 29.2960,
8.7200

■ 120.8520, 95.0860,
27.8700

■ 210.5460, 16.1380,
4.8900

■ 105.9030,
108.2440, 31.7000

■ 225.4950, 2.9800,
1.0600

■ 91.0680, 121.0810,
35.8410

■ 240.4440,
-10.1780, -2.7700

■ 79.6240, 131.2590,
38.6110

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



167.2160, 44.3310, 28.0990



165.6990, 55.6120, 16.3800



164.1200, 52.2680, -0.1160

Triad

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



165.6990, 55.6120, 16.3800



152.5550, -24.7530, -30.4890



157.9650, -53.6450, 8.5550

Complementary

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



165.6990, 55.6120, 16.3800



195.3010, -55.6120, -16.3800

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.



142.6620, -93.1170, -13.9890



165.6990, 55.6120, 16.3800



143.5410, -65.6960, -31.8720

Square

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



165.6990, 55.6120, 16.3800



157.8550, 9.6330, -25.9110



128.5910, -112.6910, -33.7070



166.3400, -14.6760, 23.6920

Rectangle

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



165.6990, 55.6120, 16.3800



162.7070, 42.8250, -10.7030



128.5910, -112.6910, -33.7070



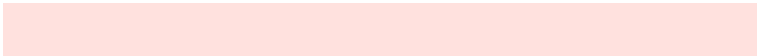
153.9200, -66.9400, 1.7000

Sweetspot

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



165.6990, 55.6120, 16.3800



233.6280, 18.8430, 5.4270



171.3770, 28.6010, 48.8650



114.4530, 11.9660, 3.4060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



165.6990, 55.6120, 16.3800



170.3270, 74.4550, 21.8070



193.2880, 42.6870, -8.2010



107.1750, 6.8770, 2.0210



62.3260, 102.5590, 30.1030



17.5970, 29.2960, 8.7200

Inverse Universe

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



195.3010, -55.6120, -16.3800



209.6730, -74.4550, -21.8070



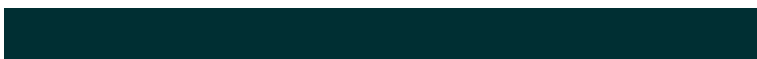
167.7120, -42.6870, 8.2010



110.8250, -6.8770, -2.0210



116.6740, -102.5590, -30.1030



33.4030, -29.2960, -8.7200

Previews

White Background



This preview shows how the YIQ color 165.6990, 55.6120, 16.3800 looks on a white background.

Color Contrast Check

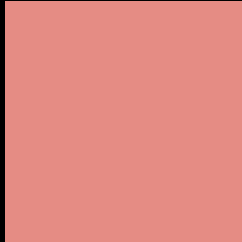
Large Text (above 18pt) WCAG AA × Fail

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 165.6990, 55.6120, 16.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

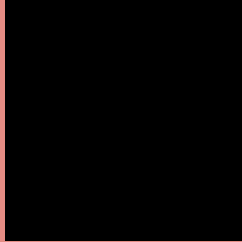
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.6990, 55.6120, 16.3800

Background



This preview shows how black text looks on a background with the YIQ color 165.6990, 55.6120, 16.3800.



This preview shows how white text looks on a background with the YIQ color 165.6990, 55.6120,

16.3800.

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

165.6990, 55.6120, 16.3800

Protanopia

164.1120, 11.1880, -4.5240

Deuteranopia

164.8600, 29.5730, -1.8110



Tritanopia

166.6480, 51.6220, 22.6140

Trichromacy



Original Color

165.6990, 55.6120, 16.3800

Protanomaly

164.6520, 27.4630, 3.3910

Deuteranomaly

164.7520, 38.9250, 4.9170

Tritanomaly

166.5510, 53.2730, 20.2250

Monochromacy



Original Color

165.6990, 55.6120, 16.3800

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.2260, 20.0350, 5.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6990, 55.6120, 16.3800 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(229, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(229, 140, 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(229, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 140, 132) }
```

Border

The CSS property to change the border of an element to YIQ 165.6990, 55.6120, 16.3800 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(229, 140, 132) }
```


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

```
.border{ border-color:rgb(229, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(229, 140,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6990, 55.6120, 16.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 140, 132) }
```

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

```
.background{ background-color: rgb(229,  
140, 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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