

Converting Colors

YIQ(165.7620, 15.7700, 11.5620)

Have a look what the booklet for
YIQ(165.7620, 15.7700, 11.5620)
contains.

YIQ(165.7620, 15.7700, 11.5620)	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(165.7620, 15.7700,
11.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9AA8
RGB	188, 154, 168
RGB Percent	74%, 60%, 66%
CMY	0.2627, 0.3961, 0.3411
CMYK	0.00, 0.18, 0.11, 0.26
HSL	335°, 20%, 67%
HSV	335°, 18%, 74%
XYZ	39.3670, 36.6284, 42.0474
YIQ	165.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

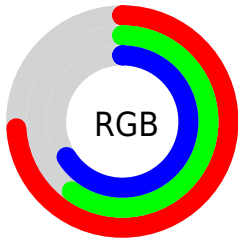
Format	Color
R _Y B	188, 154, 168
Decimal	12360360
CIE Lab	67.00, 14.96, -2.54
CIE LCh	67, 15.175, 350.349
Yxy	36.6284, 0.3335, 0.3103
Android (android.graphics.Color)	4290550440 (0xFFBC9AA8)
YUV	165.7620, 1.1033, 19.5027
Hunter-Lab	60.5214, 10.1954, 1.1732

Details

The YIQ color **165.7620, 15.7700, 11.5620** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176.2380, -15.7700, -11.5620**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4740, 16.6410, 12.2970**, and **113.7510, 14.3030, 10.6150** is the 20% darker color. If you saturate the color by 10%, you get **153.3550, 24.5260, 18.0780**, and if you desaturate by 10%, it is **178.1690, 7.0140, 5.0460**.

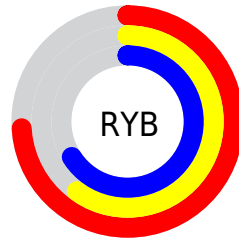
Distribution



Red (74%)

Green (60%)

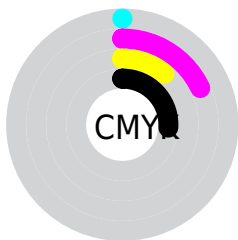
Blue (66%)



Red (74%)

Yellow (60%)

Blue (66%)

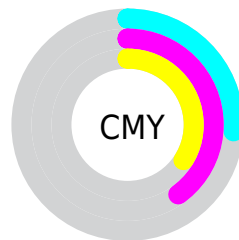


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.7620, 15.7700, 11.5620 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 165.7620, 15.7700, 11.5620 by changing the saturation by 10% instead.


 165.7620, 15.7700,
11.5620


 165.7620, 15.7700,
11.5620


255.0000, -0.0000,
-0.0000


 139.4630, 15.1740,
11.3500


 220.4740, 16.6410,
12.2970


 113.7510, 14.3030,
10.6150

 244.0920, 5.9130,
8.4810

 89.4520, 13.7070,
10.4030

 65.7400, 12.8360,
9.6680

 43.4410, 12.2400,
9.4560

 21.8430, 11.0480,
9.0320

 1.4950, 2.9800,

1.0600

■ 0.0000, 0.0000,
0.0000

■ 165.7620, 15.7700,
11.5620

■ 165.7620, 15.7700,
11.5620

■ 153.3550, 24.5260,
18.0780

■ 178.1690, 7.0140,
5.0460

■ 140.9480, 33.2820,
24.5940

■ 190.5760, -1.7420,
-1.4700

■ 129.1280, 41.7630,
30.5870

■ 202.3960,
-10.2230, -7.4630

■ 116.7210, 50.5190,
37.1030

■ 214.8030,
-18.9790, -13.9790

■ 104.3140, 59.2750,
43.6190

■ 227.2100,
-27.7350, -20.4950

■ 91.9070, 68.0310,
50.1350

■ 232.5730,
-33.1910, -20.7350

■ 79.5000, 76.7870,
56.6510

■ 233.8270,
-36.7220, -17.3140

■ 67.6800, 85.2680,
62.6440

■ 234.9670,
-39.9320, -14.2040

■ 64.9900, 87.3310,
63.8030

Harmonies

Analogous

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



165.7160, 4.2160, 11.7040



165.7620, 15.7700, 11.5620



165.3620, 22.6480, 8.0560

Triad

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



165.7620, 15.7700, 11.5620



161.5090, 8.3920, -8.9200



159.0490, -28.0590, -3.6030

Complementary

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



165.7620, 15.7700, 11.5620



176.2380, -15.7700, -11.5620

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.



158.2570, -25.9490, -8.8050



165.7620, 15.7700, 11.5620



159.9850, -4.8120, -11.9160

Square

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



165.7620, 15.7700, 11.5620



163.2330, 18.1570, -4.1710



158.7540, -17.2830, -11.6750



161.8590, -21.4120, 2.5880

Rectangle

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



165.7620, 15.7700, 11.5620



164.4390, 23.7490, 4.6210



158.7540, -17.2830, -11.6750



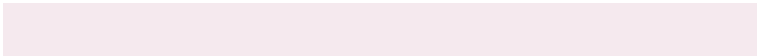
158.5820, -28.2420, -5.7940

Sweetspot

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



165.7620, 15.7700, 11.5620



237.1580, 5.5470, 4.0990



163.8560, 1.0060, 14.8140



117.4350, 3.2090, 2.4170



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



165.7620, 15.7700, 11.5620



209.6540, 25.1220, 18.2900



165.9270, 19.4390, 5.6390



88.1470, 4.0800, 3.1520



54.6520, 73.3030, 53.7110



10.7510, 14.3030, 10.6150

Inverse Universe

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



165.7620, 15.7700, 11.5620



209.6540, 25.1220, 18.2900



176.0730, -19.4390, -5.6390



88.1470, 4.0800, 3.1520



54.6520, 73.3030, 53.7110



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 165.7620, 15.7700, 11.5620 looks on a white background.

Color Contrast Check

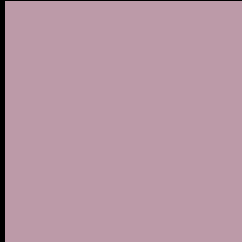
Large Text (above 18pt) WCAG AA × Fail

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 165.7620, 15.7700, 11.5620 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 165.7620, 15.7700, 11.5620

Background



This preview shows how black text looks on a background with the YIQ color 165.7620, 15.7700, 11.5620.



This preview shows how white text looks on a background with the YIQ color 165.7620, 15.7700,

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

165.7620, 15.7700, 11.5620

Protanopia

163.5530, -2.9350, 3.6330

Deuteranopia

164.7070, 8.4350, 6.8270



Tritanopia

165.5340, 16.4120, 10.9400

Trichromacy



Original Color

165.7620, 15.7700, 11.5620

Protanomaly

164.2550, 3.8960, 6.4880

Deuteranomaly

165.3160, 11.0940, 8.1980

Tritanomaly

165.6480, 16.0910, 11.2510

Monochromacy



Original Color

165.7620, 15.7700, 11.5620

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1580, 5.5470, 4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.7620, 15.7700, 11.5620 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(188, 154, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 168)  
}
```

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(188, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 168) }
```

Border

The CSS property to change the border of an element to YIQ 165.7620, 15.7700, 11.5620 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(188, 154, 168) }
```


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

```
.border{ border-color:rgb(188, 154, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 165.7620, 15.7700, 11.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 168) }
```

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

```
.background{ background-color: rgb(188,  
154, 168) }
```

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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