

Converting Colors

YIQ(165.6110, 17.5130, 7.5050)

Have a look what the booklet for
YIQ(165.6110, 17.5130, 7.5050)
contains.

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Color

**YIQ(165.6110, 17.5130,
7.5050)**

Conversions

Conversions Part 1	
Format	Color
Hex	BB9C9F
RGB	187, 156, 159
RGB Percent	73%, 61%, 62%
CMY	0.2666, 0.3883, 0.3764
CMYK	0.00, 0.17, 0.15, 0.27
HSL	354°, 19%, 67%
HSV	354°, 17%, 73%
XYZ	38.6440, 36.8436, 37.8834
YIQ	165.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

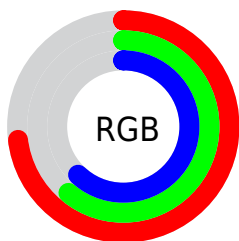
Format	Color
RYB	187, 156, 159
Decimal	12295327
CIELab	67.16, 11.97, 2.71
CIELCh	67, 12.269, 12.767
Yxy	36.8436, 0.3409, 0.3250
Android (android.graphics.Color)	4290485407 (0xFFBB9C9F)
YUV	165.6110, -3.2592, 18.7582
Hunter-Lab	60.6989, 7.4190, 5.4851

Details

The YIQ color $165.6110, 17.5130, 7.5050$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $177.3890, -17.5130, -7.5050$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $220.9100, 18.1090, 7.7170$, and $113.7140, 15.7250, 6.8690$ is the 20% darker color. If you saturate the color by 10%, you get $152.5200, 28.1950, 12.1550$, and if you desaturate by 10%, it is $178.7020, 6.8310, 2.8550$.

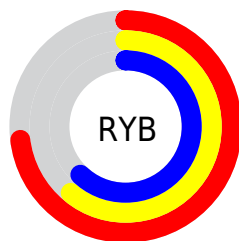
Distribution



Red (73%)

Green (61%)

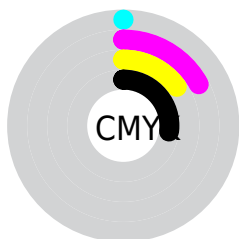
Blue (62%)



Red (73%)

Yellow (61%)

Blue (62%)

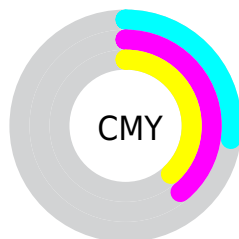


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.6110, 17.5130, 7.5050 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 165.6110, 17.5130, 7.5050 by changing the saturation by 10% instead.


 165.6110, 17.5130,
7.5050


 165.6110, 17.5130,
7.5050


255.0000, -0.0000,
-0.0000


 139.3120, 16.9170,
7.2930


 220.9100, 18.1090,
7.7170


 113.7140, 15.7250,
6.8690

 244.1260, 8.5730,
4.3250

 89.3010, 15.4500,
6.3460


 65.1160, 14.5330,
6.4450


 43.5180, 13.3410,
6.0210


 21.9200, 12.1490,
5.5970


 0.0000, 0.0000,


0.0000

 165.6110, 17.5130,
7.5050


 165.6110, 17.5130,
7.5050


 152.5200, 28.1950,
12.1550


 178.7020, 6.8310,
2.8550


 140.0160, 38.6020,
16.2820


 191.2060, -3.5760,
-1.2720


 126.9250, 49.2840,
20.9320


 204.2970,
-14.2580, -5.9220


 113.9480, 59.6450,
25.8930

 217.3880,
-24.9400, -10.5720

 100.8570, 70.3270,
30.5430

 230.3650,
-35.3010, -15.5330

 88.3530, 80.7340,
34.6700

 234.6680,
-40.5280, -14.4160

■ 75.2620, 91.4160,
39.3200

■ 62.1710, 102.0980,
43.9700

■ 57.9650, 105.6740,
45.2420

Harmonies

Analogous

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



165.9570, 10.7270, 9.3430



165.6110, 17.5130, 7.5050



164.7590, 19.8520, 3.6600

Triad

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



165.6110, 17.5130, 7.5050



161.1320, -0.7320, -8.7640



161.7730, -18.2940, 1.1460

Complementary

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



165.6110, 17.5130, 7.5050



177.3890, -17.5130, -7.5050

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.



160.1590, -22.5570, -4.1970



165.6110, 17.5130, 7.5050



160.4450, -11.9190, -9.7670

Square

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



165.6110, 17.5130, 7.5050



162.3890, 8.8500, -6.2060



159.6060, -19.6220, -7.8300



164.0130, -10.0420, 5.7820

Rectangle

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



165.6110, 17.5130, 7.5050



163.8680, 17.9270, -0.0010



159.6060, -19.6220, -7.8300



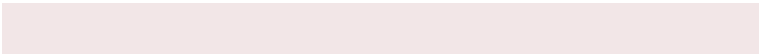
161.0500, -20.6320, -0.5360

Sweetspot

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



165.6110, 17.5130, 7.5050



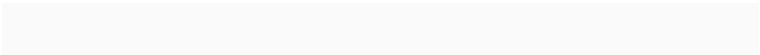
233.7020, 6.8310, 2.8550



167.9060, 6.7370, 15.5770



117.2070, 3.8510, 1.7950



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.



165.6110, 17.5130, 7.5050



208.9220, 27.0030, 11.7310



172.3130, 15.1760, 0.2960



87.8050, 5.0430, 2.2190



48.9520, 89.3530, 38.1610



9.6110, 17.5130, 7.5050

Inverse Universe

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



165.6110, 17.5130, 7.5050



208.9220, 27.0030, 11.7310



170.6870, -15.1760, -0.2960



87.8050, 5.0430, 2.2190



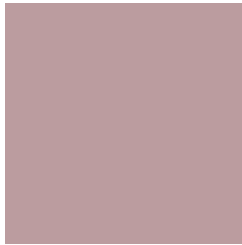
48.9520, 89.3530, 38.1610



9.6110, 17.5130, 7.5050

Previews

White Background



This preview shows how the YIQ color 165.6110, 17.5130, 7.5050 looks on a white background.

Color Contrast Check

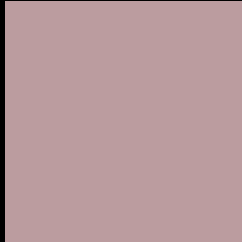
Large Text (above 18pt) WCAG AA × Fail

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 165.6110, 17.5130, 7.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

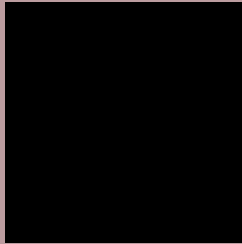
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.6110, 17.5130, 7.5050

Background



This preview shows how black text looks on a background with the YIQ color 165.6110, 17.5130, 7.5050.



This preview shows how white text looks on a background with the YIQ color 165.6110, 17.5130,

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

165.6110, 17.5130, 7.5050

Protanopia

164.1960, 2.3840, 0.8480

Deuteranopia

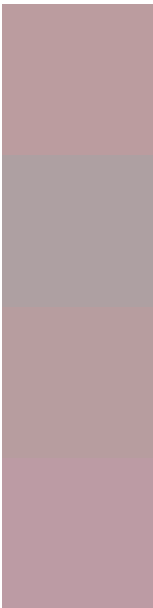
164.9910, 13.3870, 5.1870



Tritanopia

166.2350, 15.8160, 10.7280

Trichromacy



Original Color
165.6110, 17.5130, 7.5050

Protanomaly
164.4140, 7.7020, 3.5900

Deuteranomaly
165.0020, 14.8540, 6.1340

Tritanomaly
165.8930, 16.7790, 9.7950

Monochromacy



Original Color
165.6110, 17.5130, 7.5050

Achromatopsia
166.0000, -0.0000, 0.0000

Achromatomaly
165.7020, 6.8310, 2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6110, 17.5130, 7.5050 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(187, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 159)  
}
```

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(187, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 159) }
```

Border

The CSS property to change the border of an element to YIQ 165.6110, 17.5130, 7.5050 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(187, 156, 159) }
```


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

```
.border{ border-color:rgb(187, 156, 159) }
```

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

Here you see how a box with a 4 pixel rgb(187, 156, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6110, 17.5130, 7.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 159) }
```

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

```
.background{ background-color: rgb(187,  
156, 159) }
```

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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