

Converting Colors

YIQ(165.8420, 3.6210, 5.9650)

Have a look what the booklet for
YIQ(165.8420, 3.6210, 5.9650)
contains.

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Color

**YIQ(165.8420, 3.6210,
5.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA1AC
RGB	173, 161, 172
RGB Percent	68%, 63%, 67%
CMY	0.3215, 0.3686, 0.3255
CMYK	0.00, 0.07, 0.01, 0.32
HSL	305°, 7%, 65%
HSV	305°, 7%, 68%
XYZ	37.4261, 37.3519, 44.2675
YIQ	165.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

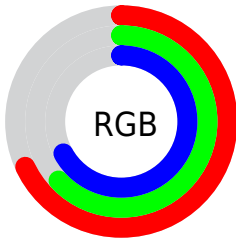
Format	Color
RYB	173, 161, 172
Decimal	11379116
CIELab	67.54, 6.39, -4.13
CIELCh	68, 7.609, 327.146
Yxy	37.3519, 0.3144, 0.3138
Android (android.graphics.Color)	4289569196 (0xFFADA1AC)
YUV	165.8420, 3.0359, 6.2776
Hunter-Lab	61.1162, 2.3559, -0.1635

Details

The YIQ color $165.8420, 3.6210, 5.9650$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $168.1580, -3.6210, -5.9650$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $220.8420, 3.6210, 5.9650$, and $113.8420, 3.6210, 5.9650$ is the 20% darker color. If you saturate the color by 10%, you get $155.7490, 8.6170, 14.5450$, and if you desaturate by 10%, it is $175.9350, -1.3750, -2.6150$.

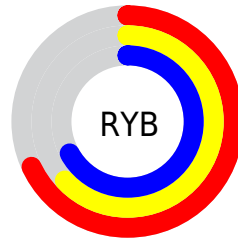
Distribution



Red (68%)

Green (63%)

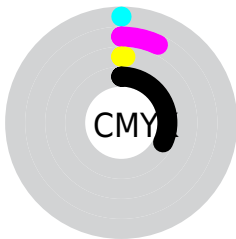
Blue (67%)



Red (68%)

Yellow (63%)

Blue (67%)

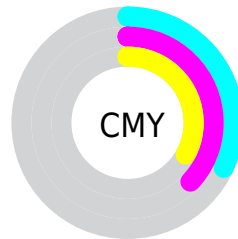


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.8420, 3.6210, 5.9650 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 165.8420, 3.6210, 5.9650 by changing the saturation by 10% instead.

■ 165.8420, 3.6210,
5.9650

■ 165.8420, 3.6210,
5.9650

255.0000, -0.0000,
-0.0000

■ 139.4290, 3.3460,
5.4420

■ 220.8420, 3.6210,
5.9650

■ 113.8420, 3.6210,
5.9650

■ 248.5430, 3.0250,
5.7530

■ 89.4290, 3.3460,
5.4420

■ 66.0160, 3.0710,
4.9190

■ 44.0160, 3.0710,
4.9190

■ 23.6030, 2.7960,
4.3960

■ 0.0000, 0.0000,

0.0000

■ 165.8420, 3.6210,
5.9650

■ 165.8420, 3.6210,
5.9650

■ 155.7490, 8.6170,
14.5450

■ 175.9350, -1.3750,
-2.6150

■ 144.9550, 14.2090,
23.3370

■ 186.7290, -6.9670,
-11.4070

■ 134.8620, 19.2050,
31.9170

■ 196.8220,
-11.9630, -19.9870

■ 124.6550, 24.5220,
40.1860

■ 207.0290,
-17.2800, -28.2560

■ 113.9750, 29.7930,
49.2890

■ 217.7090,
-22.5510, -37.3590

■ 103.7680, 35.1100,
57.5580

■ 222.0460,
-25.1180, -40.3980

■ 93.6750, 40.1060,
66.1380

■ 222.1600,
-25.4390, -40.0870

■ 83.4680, 45.4230,
74.4070

■ 222.3880,
-26.0810, -39.4650

■ 72.7880, 50.6940,
83.5100

■ 222.5020,
-26.4020, -39.1540

Harmonies

Analogous

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



165.1940, -3.3020, 4.7780



165.8420, 3.6210, 5.9650



165.9520, 9.1230, 5.3710

Triad

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



165.8420, 3.6210, 5.9650



164.6110, 8.3450, -2.5590



162.2480, -12.5620, -3.6180

Complementary

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



165.8420, 3.6210, 5.9650



168.1580, -3.6210, -5.9650

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.



162.7490, -9.7190, -5.5830



165.8420, 3.6210, 5.9650



163.5070, 2.7060, -4.9900

Square

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



165.8420, 3.6210, 5.9650



165.4590, 11.8290, 0.3810



163.1580, -3.6210, -5.9650



162.9430, -13.0210, -0.8050

Rectangle

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



165.8420, 3.6210, 5.9650



166.0940, 11.5990, 4.5510



163.1580, -3.6210, -5.9650



162.6070, -12.1950, -4.7630

Sweetspot

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



165.8420, 3.6210, 5.9650



221.6520, 1.1000, 2.0920



162.6670, -3.2560, 3.9440



110.8260, 0.5500, 1.0460



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.



165.8420, 3.6210, 5.9650



213.3200, 5.2710, 9.1030



165.1580, 5.5470, 4.0990



81.6030, 2.7960, 4.3960



60.5820, 45.1020, 74.7180



9.2710, 6.9670, 11.4070

Inverse Universe

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



165.8420, 3.6210, 5.9650



213.3200, 5.2710, 9.1030



168.8420, -5.5470, -4.0990



81.6030, 2.7960, 4.3960



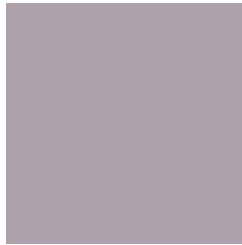
60.5820, 45.1020, 74.7180



9.2710, 6.9670, 11.4070

Previews

White Background



This preview shows how the YIQ color 165.8420, 3.6210, 5.9650 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 165.8420, 3.6210, 5.9650 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 165.8420, 3.6210, 5.9650

Background



This preview shows how black text looks on a background with the YIQ color 165.8420, 3.6210, 5.9650.



This preview shows how white text looks on a background with the YIQ color 165.8420, 3.6210,

5.9650.

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

165.8420, 3.6210, 5.9650

Protanopia

165.4390, -2.6140, 3.3220

Deuteranopia

166.4510, 6.2800, 7.3360



Tritanopia

165.9560, 3.3000, 6.2760

Trichromacy



Original Color

165.8420, 3.6210, 5.9650

Protanomaly

165.6350, -0.2300, 4.1700

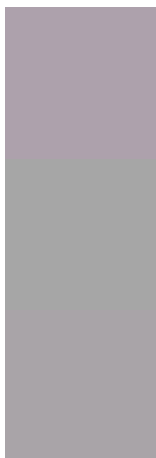
Deuteranomaly

166.1520, 5.6840, 7.1240

Tritanomaly

165.9560, 3.3000, 6.2760

Monochromacy



Original Color

165.8420, 3.6210, 5.9650

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8420, 3.6210, 5.9650 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(173, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 172)  
}
```

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(173, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 172) }
```

Border

The CSS property to change the border of an element to YIQ 165.8420, 3.6210, 5.9650 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(173, 161, 172) }
```


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

```
.border{ border-color:rgb(173, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 161,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8420, 3.6210, 5.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 172) }
```

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

```
.background{ background-color: rgb(173,  
161, 172) }
```

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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