

Converting Colors

YIQ(165.3650, 35.7610, 7.1930)

Have a look what the booklet for
YIQ(165.3650, 35.7610, 7.1930)
contains.

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Color

**YIQ(165.3650, 35.7610,
7.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	CC978A
RGB	204, 151, 138
RGB Percent	80%, 59%, 54%
CMY	0.1999, 0.4079, 0.4587
CMYK	0.00, 0.26, 0.32, 0.20
HSL	12°, 39%, 67%
HSV	12°, 32%, 80%
XYZ	40.5634, 36.8038, 29.0254
YIQ	165.3650, 35.7610, 7.1930

Conversions

Conversions Part 2

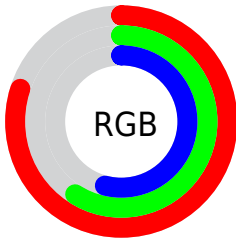
Format	Color
R _Y B	204, 154, 138
Decimal	13408138
CIE Lab	67.13, 18.13, 14.61
CIE LCh	67, 23.283, 38.866
Yxy	36.8038, 0.3813, 0.3459
Android (android.graphics.Color)	4291598218 (0xFFCC978A)
YUV	165.3650, -13.4909, 33.8829
Hunter-Lab	60.6661, 13.1853, 14.0993

Details

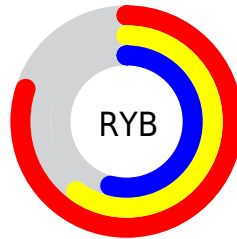
The YIQ color **165.3650, 35.7610, 7.1930** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176.6350, -35.7610, -7.1930**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.3540, 34.2940, 6.2460**, and **112.9840, 32.4600, 6.4440** is the 20% darker color. If you saturate the color by 10%, you get **153.6930, 46.5810, 9.3410**, and if you desaturate by 10%, it is **177.0370, 24.9410, 5.0450**.

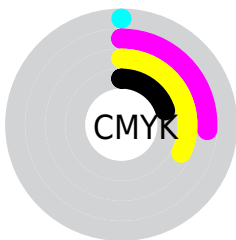
Distribution



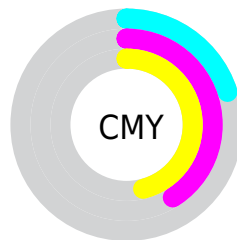
- Red (80%)
- Green (59%)
- Blue (54%)



- Red (80%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3650, 35.7610, 7.1930 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 165.3650, 35.7610, 7.1930 by changing the saturation by 10% instead.

■ 165.3650, 35.7610,
7.1930

■ 165.3650, 35.7610,
7.1930

■ 255.0000, -0.0000,
-0.0000

■ 138.8810, 34.2480,
7.0800

■ 218.3540, 34.2940,
6.2460

■ 112.9840, 32.4600,
6.4440

■ 238.5690, 17.3310,
-0.2130

■ 88.5000, 30.9470,
6.3310

■ 254.2020, 2.2470,
-2.1770

■ 64.7170, 28.8380,
6.0060

■ 41.6350, 26.1330,
5.4690

■ 19.3360, 25.5370,
5.2570

■ 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 165.3650, 35.7610,
7.1930

■ 165.3650, 35.7610,
7.1930

■ 153.6930, 46.5810,
9.3410

■ 177.0370, 24.9410,
5.0450

■ 141.3200, 57.9970,
11.7010

■ 189.4100, 13.5250,
2.6850

■ 129.6480, 68.8170,
13.8490

■ 201.0820, 2.7050,
0.5370

■ 117.2750, 80.2330,
16.2090

■ 213.4550, -8.7110,
-1.8230

■ 105.6030, 91.0530,
18.3570

■ 225.1270,
-19.5310, -3.9710

■ 93.9310, 101.8730,
20.5050

■ 236.2290,
-28.7460, -7.6740

■ 84.4760, 110.5840,
22.3280

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



166.4820, 31.3580, 15.4060



165.3650, 35.7610, 7.1930



163.8170, 31.1320, -2.5320

Triad

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



165.3650, 35.7610, 7.1930



156.6840, -20.2620, -18.2620



162.8900, -22.6970, 9.3590

Complementary

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



165.3650, 35.7610, 7.1930



176.6350, -35.7610, -7.1930

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.



158.3990, -40.6680, -0.8600



165.3650, 35.7610, 7.1930



153.9840, -38.6020, -16.2820

Square

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



165.3650, 35.7610, 7.1930



159.1610, 0.3240, -16.8920



154.4810, -47.1310, -10.3870



166.2410, -1.5160, 16.4680

Rectangle

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



165.3650, 35.7610, 7.1930



162.8220, 23.5680, -8.6240



154.4810, -47.1310, -10.3870



161.7750, -29.8030, 5.9810

Sweetspot

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



165.3650, 35.7610, 7.1930



240.4100, 13.5250, 2.6850



163.8900, 22.0020, 30.7860



118.5450, 8.7110, 1.8230



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.



165.3650, 35.7610, 7.1930



196.7540, 53.7790, 11.0510



184.1490, 26.9610, -9.5430



96.1640, 5.4100, 1.0740



69.0050, 89.8610, 17.9330



16.0580, 20.4480, 3.8720

Inverse Universe

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



176.6350, -35.7610, -7.1930



213.6590, -53.5040, -10.5280



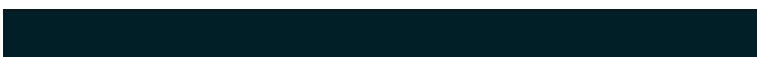
157.8510, -26.9610, 9.5430



97.8360, -5.4100, -1.0740



96.9950, -89.8610, -17.9330



22.5290, -20.7230, -4.3950

Previews

White Background



This preview shows how the YIQ color 165.3650, 35.7610, 7.1930 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 165.3650, 35.7610, 7.1930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

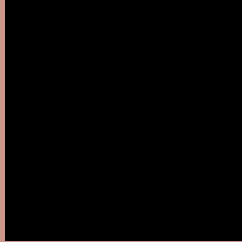
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.3650, 35.7610, 7.1930

Background



This preview shows how black text looks on a background with the YIQ color 165.3650, 35.7610, 7.1930.



This preview shows how white text looks on a background with the YIQ color 165.3650, 35.7610,

7.1930.

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

165.3650, 35.7610, 7.1930

Protanopia

163.2260, 10.8670, -4.2130

Deuteranopia

164.2880, 25.4920, 0.5640



Tritanopia

166.5960, 31.0370, 15.7170

Trichromacy



Original Color

165.3650, 35.7610, 7.1930

Protanomaly

164.2380, 19.7610, -0.1990

Deuteranomaly

164.6090, 29.0220, 2.6700

Tritanomaly

165.9720, 32.7340, 12.4940

Monochromacy



Original Color

165.3650, 35.7610, 7.1930

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1110, 12.9290, 2.4730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3650, 35.7610, 7.1930 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(204, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 138)  
}
```

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(204, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 138) }
```

Border

The CSS property to change the border of an element to YIQ 165.3650, 35.7610, 7.1930 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(204, 151, 138) }
```


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

```
.border{ border-color:rgb(204, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 151, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 151, 138); box-shadow:4px 4px 4px 4px rgb(204, 151, 138) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3650, 35.7610, 7.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 138) }
```

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

```
.background{ background-color: rgb(204,  
151, 138) }
```

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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