

Converting Colors

YIQ(179.8380, 35.8070, 6.3590)

Have a look what the booklet for
YIQ(179.8380, 35.8070, 6.3590)
contains.

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Color

**YIQ(179.8380, 35.8070,
6.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA697
RGB	218, 166, 151
RGB Percent	85%, 65%, 59%
CMY	0.1450, 0.3491, 0.4077
CMYK	0.00, 0.24, 0.31, 0.14
HSL	13°, 48%, 72%
HSV	13°, 31%, 86%
XYZ	48.1435, 44.4100, 35.3294
YIQ	179.8380, 35.8070, 6.3590

Conversions

Conversions Part 2

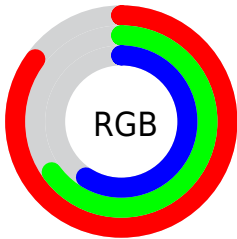
Format	Color
R _Y B	218, 170, 151
Decimal	14329495
CIE Lab	72.50, 17.10, 15.16
CIE LCh	73, 22.847, 41.560
Yxy	44.4100, 0.3765, 0.3473
Android (android.graphics.Color)	4292519575 (0xFFDAA697)
YUV	179.8380, -14.2171, 33.4681
Hunter-Lab	66.6409, 12.3327, 15.2162

Details

The YIQ color **179.8380, 35.8070, 6.3590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **189.1620, -35.8070, -6.3590**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.3420, 25.4000, 2.2320**, and **126.7560, 33.1020, 5.8220** is the 20% darker color. If you saturate the color by 10%, you get **167.3510, 47.5440, 8.4080**, and if you desaturate by 10%, it is **192.3250, 24.0700, 4.3100**.

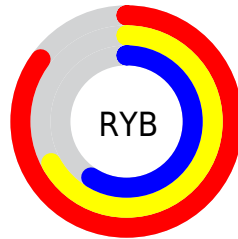
Distribution



Red (85%)

Green (65%)

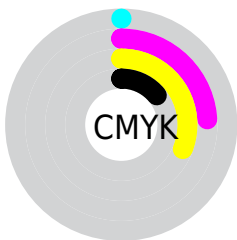
Blue (59%)



Red (85%)

Yellow (67%)

Blue (59%)

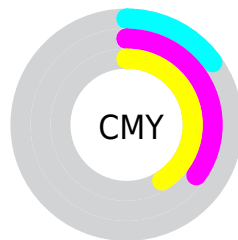


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (14%)



Cyan (15%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.8380, 35.8070, 6.3590 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 179.8380, 35.8070, 6.3590 by changing the saturation by 10% instead.


 179.8380, 35.8070,
6.3590

 179.8380, 35.8070,
6.3590


255.0000, -0.0000,
-0.0000


 153.2400, 34.6150,
5.9350


 229.3420, 25.4000,
2.2320


 126.7560, 33.1020,
5.8220

 249.5570, 8.4370,
-4.2270

 101.2720, 31.5890,
5.7090

 77.0760, 29.2050,
4.8610

 53.7060, 27.3710,
5.0590

 31.2820, 25.6290,
3.5890

 10.7640, 21.4560,

7.6320

■ 0.0000, 0.0000,
0.0000

■ 179.8380, 35.8070,
6.3590

■ 179.8380, 35.8070,
6.3590

■ 167.3510, 47.5440,
8.4080

■ 192.3250, 24.0700,
4.3100

■ 154.8640, 59.2810,
10.4570

■ 204.8120, 12.3330,
2.2610

■ 142.4910, 70.6970,
12.8170

■ 217.1850, 0.9170,
-0.0990

■ 130.0040, 82.4340,
14.8660

■ 229.6720,
-10.8200, -2.1480

■ 117.5170, 94.1710,
16.9150

■ 241.5890,
-20.9520, -5.7520

■ 105.0300,
105.9080, 18.9640

■ 243.9370,
-22.0520, -7.8440

■ 93.9450, 116.4530,
20.5890

Harmonies

Analogous

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



181.1400, 32.3210, 14.4730



179.8380, 35.8070, 6.3590



178.1050, 30.2610, -3.2670

Triad

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



179.8380, 35.8070, 6.3590



171.2000, -21.7750, -18.3750



177.7870, -20.9090, 9.9950

Complementary

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



179.8380, 35.8070, 6.3590



189.1620, -35.8070, -6.3590

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.



173.7090, -38.6050, 0.2990



179.8380, 35.8070, 6.3590



169.0980, -38.9230, -15.9710

Square

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



179.8380, 35.8070, 6.3590



173.6770, -1.1890, -17.0050



169.6060, -45.9850, -9.1290



180.7250, -0.0030, 16.5810

Rectangle

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



179.8380, 35.8070, 6.3590



177.1100, 22.6970, -9.3590



169.6060, -45.9850, -9.1290



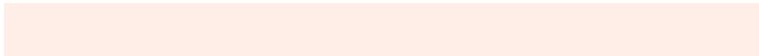
176.3840, -27.1440, 7.3520

Sweetspot

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



179.8380, 35.8070, 6.3590



241.8120, 12.3330, 2.2610



177.0750, 22.9190, 30.6870



119.8330, 7.8400, 1.0880



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.



179.8380, 35.8070, 6.3590



201.4330, 50.2490, 8.9450



199.2090, 26.7320, -10.9000



103.4630, 6.0060, 1.2860



74.6200, 92.3830, 16.2790



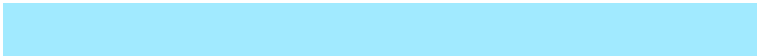
19.6240, 24.6660, 4.5220

Inverse Universe

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



189.1620, -35.8070, -6.3590



214.5670, -50.2490, -8.9450



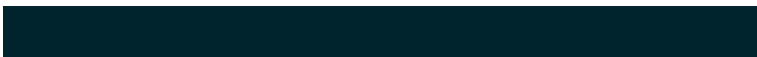
169.7910, -26.7320, 10.9000



104.9500, -5.7310, -0.7630



98.9670, -92.6580, -16.8020



26.3760, -24.6660, -4.5220

Previews

White Background



This preview shows how the YIQ color 179.8380, 35.8070, 6.3590 looks on a white background.

Color Contrast Check

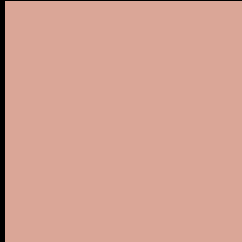
Large Text (above 18pt) WCAG AA × Fail

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 179.8380, 35.8070, 6.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

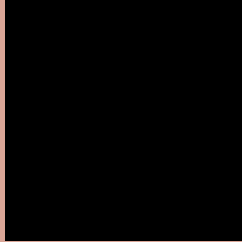
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.8380, 35.8070, 6.3590

Background



This preview shows how black text looks on a background with the YIQ color 179.8380, 35.8070, 6.3590.



This preview shows how white text looks on a background with the YIQ color 179.8380, 35.8070,

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

179.8380, 35.8070, 6.3590

Protanopia

177.9980, 11.5090, -4.8350

Deuteranopia

178.7720, 27.0050, 0.6770



Tritanopia

181.1230, 30.9910, 16.5510

Trichromacy



Original Color

179.8380, 35.8070, 6.3590

Protanomaly

179.0100, 20.4030, -0.8210

Deuteranomaly

179.0930, 30.5350, 2.7830

Tritanomaly

180.3850, 33.0090, 13.0170

Monochromacy



Original Color

179.8380, 35.8070, 6.3590

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9970, 13.2500, 2.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8380, 35.8070, 6.3590 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(218, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(218, 166, 151)  
}
```

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(218, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 166, 151) }
```

Border

The CSS property to change the border of an element to YIQ 179.8380, 35.8070, 6.3590 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(218, 166, 151) }
```


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

```
.border{ border-color:rgb(218, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(218, 166,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8380, 35.8070, 6.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 166, 151) }
```

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

```
.background{ background-color: rgb(218,  
166, 151) }
```

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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