

Converting Colors

YIQ(176.0870, 30.6720, 5.8080)

Have a look what the booklet for
YIQ(176.0870, 30.6720, 5.8080)
contains.

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Color

**YIQ(176.0870, 30.6720,
5.8080)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A498
RGB	209, 164, 152
RGB Percent	82%, 64%, 60%
CMY	0.1803, 0.3569, 0.4038
CMYK	0.00, 0.22, 0.27, 0.18
HSL	13°, 38%, 71%
HSV	13°, 27%, 82%
XYZ	45.2440, 42.3712, 35.5140
YIQ	176.0870, 30.6720, 5.8080

Conversions

Conversions Part 2

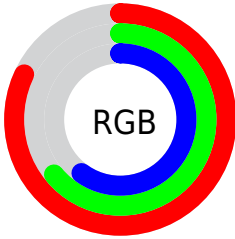
Format	Color
R_{YB}	209, 167, 152
Decimal	13739160
CIE _{Lab}	71.13, 14.86, 12.55
CIE _{LCh}	71, 19.446, 40.180
Yxy	42.3712, 0.3675, 0.3441
Android (android.graphics.Color)	4291929240 (0xFFD1A498)
YUV	176.0870, -11.8749, 28.8647
Hunter-Lab	65.0932, 10.1560, 13.2174

Details

The YIQ color **176.0870, 30.6720, 5.8080** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.9130, -30.6720, -5.8080**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.2820, 25.6290, 3.5890**, and **123.3040, 28.5630, 5.4830** is the 20% darker color. If you saturate the color by 10%, you get **163.7140, 42.0880, 8.1680**, and if you desaturate by 10%, it is **188.4600, 19.2560, 3.4480**.

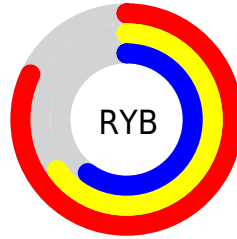
Distribution



Red (82%)

Green (64%)

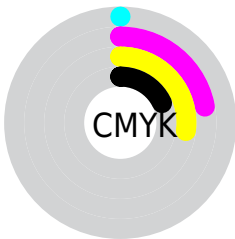
Blue (60%)



Red (82%)

Yellow (65%)

Blue (60%)

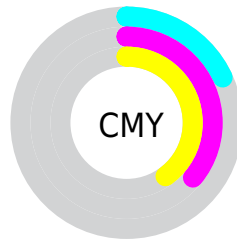


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.0870, 30.6720, 5.8080 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 176.0870, 30.6720, 5.8080 by changing the saturation by 10% instead.


 176.0870, 30.6720,
5.8080


 176.0870, 30.6720,
5.8080


255.0000, -0.0000,
-0.0000


 149.4890, 29.4800,
5.3840


 228.2820, 25.6290,
3.5890


 123.3040, 28.5630,
5.4830

 248.6110, 8.3450,
-2.5590

 98.4070, 26.7750,
4.8470

 73.9230, 25.2620,
4.7340

 51.1400, 23.1530,
4.4090

 29.1290, 21.6860,
3.4620

 9.2690, 18.4760,

6.5720

0.0000, 0.0000,
0.0000

176.0870, 30.6720,
5.8080

176.0870, 30.6720,
5.8080

163.7140, 42.0880,
8.1680

188.4600, 19.2560,
3.4480

151.9280, 53.2290,
10.0050

200.2460, 8.1150,
1.6110

139.5550, 64.6450,
12.3650

212.6190, -3.3010,
-0.7490

127.7690, 75.7860,
14.2020

224.4050,
-14.4420, -2.5860

115.5100, 86.8810,
16.8730

236.5500,
-25.2160, -5.5680

■ 103.7240, 98.0220,
18.7100

■ 241.2460,
-27.4160, -9.7520

■ 91.3510, 109.4380,
21.0700

■ 88.3190, 112.4640,
21.2960

Harmonies

Analogous

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



177.4490, 26.9570, 12.5650



176.0870, 30.6720, 5.8080



174.4790, 26.2720, -2.5600

Triad

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



176.0870, 30.6720, 5.8080



168.3470, -17.6950, -15.2230



174.4020, -18.3870, 8.3410

Complementary

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



176.0870, 30.6720, 5.8080



184.9130, -30.6720, -5.8080

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.



170.5310, -32.2320, 0.4400



176.0870, 30.6720, 5.8080



167.0990, -31.4960, -12.9040

Square

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



176.0870, 30.6720, 5.8080



170.8560, -0.1350, -14.0790



167.7380, -37.5490, -7.8290



176.8450, -0.4610, 13.8670

Rectangle

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



176.0870, 30.6720, 5.8080



173.6090, 19.8540, -7.3940



167.7380, -37.5490, -7.8290



173.1840, -23.7050, 5.5990

Sweetspot

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



176.0870, 30.6720, 5.8080



243.3280, 10.8200, 2.1480



174.2870, 19.2060, 26.3900



120.0610, 7.1980, 1.7100



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.



176.0870, 30.6720, 5.8080



206.0950, 45.3890, 8.9170



192.5230, 22.9720, -8.8360



98.4630, 6.0060, 1.2860



70.7770, 90.5030, 17.3110



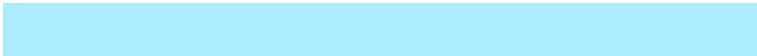
17.5420, 21.9610, 3.9850

Inverse Universe

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



184.9130, -30.6720, -5.8080



219.3180, -45.1140, -8.3940



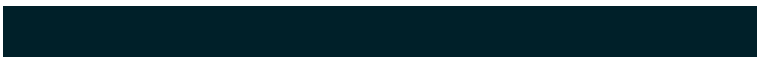
168.4770, -22.9720, 8.8360



99.9500, -5.7310, -0.7630



97.2230, -90.5030, -17.3110



23.4580, -21.9610, -3.9850

Previews

White Background



This preview shows how the YIQ color 176.0870, 30.6720, 5.8080 looks on a white background.

Color Contrast Check

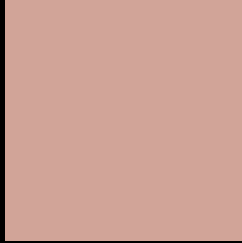
Large Text (above 18pt) WCAG AA × Fail

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 176.0870, 30.6720, 5.8080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

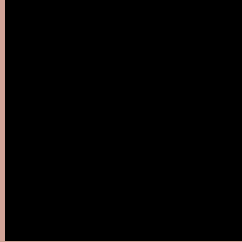
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.0870, 30.6720, 5.8080

Background



This preview shows how black text looks on a background with the YIQ color 176.0870, 30.6720, 5.8080.



This preview shows how white text looks on a background with the YIQ color 176.0870, 30.6720,

5.8080.

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

176.0870, 30.6720, 5.8080

Protanopia

174.4540, 10.2250, -3.5910

Deuteranopia

175.3310, 23.9330, 1.2850



Tritanopia

177.3180, 25.9480, 14.3320

Trichromacy



Original Color

176.0870, 30.6720, 5.8080

Protanomaly

174.8680, 17.9270, -0.0010

Deuteranomaly

175.9400, 26.5920, 2.6560

Tritanomaly

176.6940, 27.6450, 11.1090

Monochromacy



Original Color

176.0870, 30.6720, 5.8080

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2140, 11.1410, 1.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0870, 30.6720, 5.8080 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(209, 164, 152)` looks like.

```
.text, #text, p{  
    color:rgb(209, 164, 152)  
}
```

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(209, 164, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 164, 152) }
```

Border

The CSS property to change the border of an element to YIQ 176.0870, 30.6720, 5.8080 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(209, 164, 152) }
```


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

```
.border{ border-color:rgb(209, 164, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 164, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 164, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 164, 152); box-shadow:4px 4px 4px 4px rgb(209, 164, 152) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0870, 30.6720, 5.8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 164, 152) }
```

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

```
.background{ background-color: rgb(209,  
164, 152) }
```

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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