

Converting Colors

YIQ(176.5800, 18.7980, 0.7340)

Have a look what the booklet for
YIQ(176.5800, 18.7980, 0.7340)
contains.

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Color

**YIQ(176.5800, 18.7980,
0.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AB9D
RGB	195, 171, 157
RGB Percent	76%, 67%, 62%
CMY	0.2352, 0.3294, 0.3842
CMYK	0.00, 0.12, 0.19, 0.24
HSL	22°, 24%, 69%
HSV	22°, 19%, 76%
XYZ	43.1575, 43.1608, 37.9643
YIQ	176.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

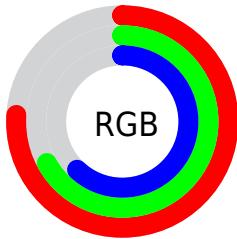
Format	Color
RYB	195, 179, 157
Decimal	12823453
CIELab	71.66, 6.44, 10.38
CIElCh	72, 12.215, 58.165
Yxy	43.1608, 0.3473, 0.3473
Android (android.graphics.Color)	4291013533 (0xFFC3AB9D)
YUV	176.5800, -9.6529, 16.1543
Hunter-Lab	65.6969, 2.2905, 11.7259

Details

The YIQ color **176.5800, 18.7980, 0.7340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.4200, -18.7980, -0.7340**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1780, 19.9900, 1.1580**, and **124.0960, 17.2850, 0.6210** is the 20% darker color. If you saturate the color by 10%, you get **167.3700, 28.1970, 1.1010**, and if you desaturate by 10%, it is **185.9040, 9.0780, 0.6780**.

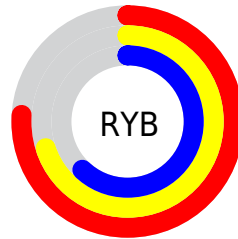
Distribution



Red (76%)

Green (67%)

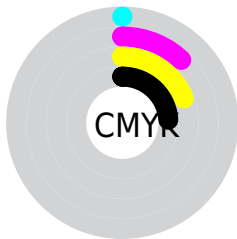
Blue (62%)



Red (76%)

Yellow (70%)

Blue (62%)

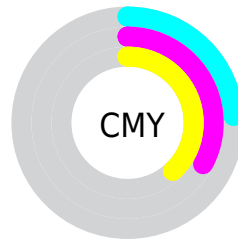


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.5800, 18.7980, 0.7340 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 176.5800, 18.7980, 0.7340 by changing the saturation by 10% instead.


 176.5800, 18.7980,
0.7340

 176.5800, 18.7980,
0.7340


255.0000, -0.0000,
-0.0000


 149.6940, 18.4770,
1.0450


 232.1780, 19.9900,
1.1580


 124.0960, 17.2850,
0.6210

 253.2900, 4.8150,
-4.6650

 98.9110, 16.3680,
0.7200

 75.3130, 15.1760,
0.2960

 52.1280, 14.2590,
0.3950

 30.8290, 13.6630,
0.1830

 7.1650, 12.8370,

4.1410

■ 0.0000, 0.0000,
0.0000

■ 176.5800, 18.7980,
0.7340

■ 176.5800, 18.7980,
0.7340

■ 167.3700, 28.1970,
1.1010

■ 185.9040, 9.0780,
0.6780

■ 157.4590, 38.1920,
1.6800

■ 195.7010, -0.5960,
-0.2120

■ 148.2490, 47.5910,
2.0470

■ 205.0250,
-10.3160, -0.2680

■ 138.9250, 57.3110,
2.1030

■ 214.2350,
-19.7150, -0.6350

■ 129.1280, 66.9850,
2.9930

■ 224.1460,
-29.7100, -1.2140

■ 119.8040, 76.7050,
3.0490

■ 231.1900,
-33.0100, -7.4900

■ 110.5940, 86.1040,
3.4160

■ 237.0600,
-35.7600, -12.7200

■ 100.6830, 96.0990,
3.9950

■ 100.5690, 96.4200,
3.6840

Harmonies

Analogous

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



177.6280, 18.8430, 5.4270



176.5800, 18.7980, 0.7340



175.4820, 13.0220, -4.7220

Triad

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



176.5800, 18.7980, 0.7340



171.8190, -15.9080, -9.0600



176.7040, -4.6780, 7.6900

Complementary

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



176.5800, 18.7980, 0.7340



175.4200, -18.7980, -0.7340

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.



175.2080, -15.0850, 3.5630



176.5800, 18.7980, 0.7340



171.9910, -22.1440, -6.1760

Square

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



176.5800, 18.7980, 0.7340



172.7830, -7.0590, -9.7390



173.2240, -21.1820, -1.5820



177.9180, 6.4630, 9.5270

Rectangle

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



176.5800, 18.7980, 0.7340



174.3780, 7.3830, -7.1530



173.2240, -21.1820, -1.5820



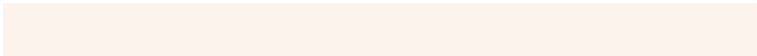
176.0240, -8.5750, 6.7290

Sweetspot

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



176.5800, 18.7980, 0.7340



245.0070, 7.2900, 0.0420



171.0980, 14.9440, 15.5200



123.4520, 4.5390, 0.3390



0.0000, 0.0000, 0.0000



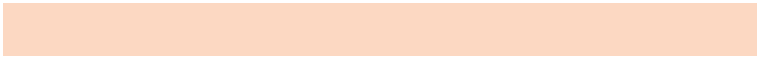
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.5800, 18.7980, 0.7340



224.2560, 28.5180, 0.7900



187.7330, 13.5730, -9.2030



92.3380, 4.8600, 0.0280



82.7720, 79.7310, 3.2750



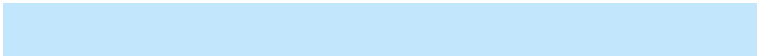
16.9110, 16.3680, 0.7200

Inverse Universe

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



175.4200, -18.7980, -0.7340



222.3310, -28.7930, -1.3130



164.2670, -13.5730, 9.2030



91.6620, -4.8600, -0.0280



78.2280, -79.7310, -3.2750



16.0890, -16.3680, -0.7200

Previews

White Background



This preview shows how the YIQ color 176.5800, 18.7980, 0.7340 looks on a white background.

Color Contrast Check

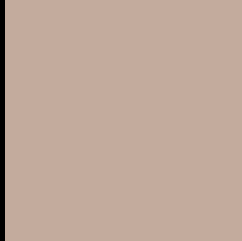
Large Text (above 18pt) WCAG AA × Fail

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 176.5800, 18.7980, 0.7340 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 176.5800, 18.7980, 0.7340

Background



This preview shows how black text looks on a background with the YIQ color 176.5800, 18.7980, 0.7340.



This preview shows how white text looks on a background with the YIQ color 176.5800, 18.7980,

0.7340.

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

176.5800, 18.7980, 0.7340

Protanopia

175.5680, 9.9040, -3.2800

Deuteranopia

176.6020, 21.7320, 2.6280



Tritanopia

178.4520, 13.7070, 10.4030

Trichromacy



Original Color

176.5800, 18.7980, 0.7340

Protanomaly

176.0630, 12.8840, -2.2200

Deuteranomaly

176.8900, 20.8610, 1.8930

Tritanomaly

177.7140, 15.7250, 6.8690

Monochromacy



Original Color

176.5800, 18.7980, 0.7340

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5800, 18.7980, 0.7340 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(195, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 157)  
}
```

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(195, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 157) }
```

Border

The CSS property to change the border of an element to YIQ 176.5800, 18.7980, 0.7340 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(195, 171, 157) }
```


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

```
.border{ border-color:rgb(195, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5800, 18.7980, 0.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 157) }
```

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

```
.background{ background-color: rgb(195,  
171, 157) }
```

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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