

Converting Colors

YIQ(193.4060, 19.3480, 1.7800)

Have a look what the booklet for
YIQ(193.4060, 19.3480, 1.7800)
contains.

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Color

**YIQ(193.4060, 19.3480,
1.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BBAF
RGB	213, 187, 175
RGB Percent	84%, 73%, 69%
CMY	0.1646, 0.2667, 0.3136
CMYK	0.00, 0.12, 0.18, 0.16
HSL	19°, 31%, 76%
HSV	19°, 18%, 84%
XYZ	52.9526, 52.7802, 47.9654
YIQ	193.4060, 19.3480, 1.7800

Conversions

Conversions Part 2

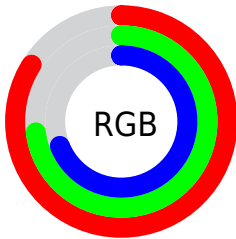
Format	Color
R _Y B	213, 193, 175
Decimal	14007215
CIE Lab	77.75, 7.35, 9.45
CIE LCh	78, 11.971, 52.138
Yxy	52.7802, 0.3445, 0.3434
Android (android.graphics.Color)	4292197295 (0xFFD5BBAF)
YUV	193.4060, -9.0742, 17.1839
Hunter-Lab	72.6500, 2.9663, 11.7102

Details

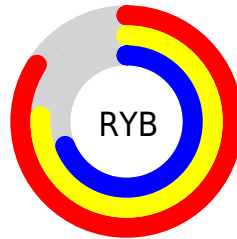
The YIQ color $193.4060, 19.3480, 1.7800$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.5940, -19.3480, -1.7800$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.2200, 11.0040, -1.1880$, and $139.9220, 17.8350, 1.6670$ is the 20% darker color. If you saturate the color by 10%, you get $182.2070, 30.2140, 3.0940$, and if you desaturate by 10%, it is $204.6050, 8.4820, 0.4660$.

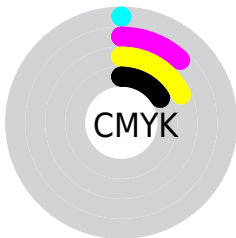
Distribution



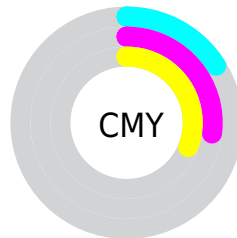
- Red (84%)
- Green (73%)
- Blue (69%)



- Red (84%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.4060, 19.3480, 1.7800 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 193.4060, 19.3480, 1.7800 by changing the saturation by 10% instead.


 193.4060, 19.3480,
1.7800


 193.4060, 19.3480,
1.7800


255.0000, -0.0000,
-0.0000


 166.1070, 18.7520,
1.5680


 245.2200, 11.0040,
-1.1880

 139.9220, 17.8350,
1.6670

 114.6230, 17.2390,
1.4550

 89.4380, 16.3220,
1.5540

 66.1390, 15.7260,
1.3420

 43.6550, 14.2130,
1.2290

 22.6010, 14.3050,

-0.4390

■ 0.0000, 0.0000,
0.0000

■ 193.4060, 19.3480,
1.7800

■ 193.4060, 19.3480,
1.7800

■ 182.2070, 30.2140,
3.0940

■ 204.6050, 8.4820,
0.4660

■ 171.4810, 41.1260,
3.5740

■ 215.3310, -2.4300,
-0.0140

■ 160.2820, 51.9920,
4.8880

■ 226.5300,
-13.2960, -1.3280

■ 149.6700, 62.5830,
5.6790

■ 236.5720,
-22.2820, -3.6740

■ 138.4710, 73.4490,
6.9930

■ 242.4420,
-25.0320, -8.9040

■ 127.1580, 84.6360,
7.9960

■ 116.5460, 95.2270,
8.7870

■ 105.3470,
106.0930, 10.1010

■ 103.0160,
108.5230, 10.1150

Harmonies

Analogous

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



194.1550, 18.7970, 6.2610



193.4060, 19.3480, 1.7800



191.9060, 14.7640, -3.2520

Triad

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



193.4060, 19.3480, 1.7800



188.8900, -14.6700, -9.4700



192.9210, -6.7870, 7.3650

Complementary

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



193.4060, 19.3480, 1.7800



194.5940, -19.3480, -1.7800

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.



191.1970, -16.5520, 2.6160



193.4060, 19.3480, 1.7800



188.6490, -21.1810, -7.1090

Square

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



193.4060, 19.3480, 1.7800



189.7510, -4.0330, -9.5130



189.3980, -21.7320, -2.6280



194.2490, 4.0330, 9.5130

Rectangle

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



193.4060, 19.3480, 1.7800



191.5740, 9.7670, -6.3050



189.3980, -21.7320, -2.6280



192.7140, -10.6380, 5.5700

Sweetspot

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



193.4060, 19.3480, 1.7800



248.2350, 6.6480, 0.6640



189.4400, 13.9810, 16.4530



123.5660, 4.2180, 0.6500



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.



193.4060, 19.3480, 1.7800



227.1250, 27.5090, 2.5570



203.9720, 14.3980, -7.6340



101.6370, 5.4560, 0.2400



82.8270, 87.0660, 8.0100



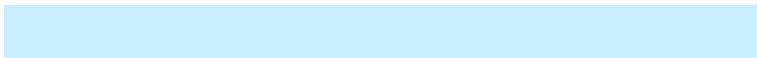
21.0750, 21.7780, 1.7940

Inverse Universe

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



194.5940, -19.3480, -1.7800



228.8750, -27.5090, -2.5570



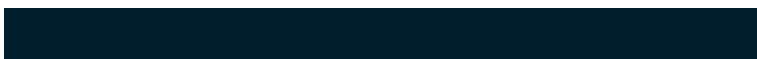
184.0280, -14.3980, 7.6340



101.9500, -5.7310, -0.7630



88.1730, -87.0660, -8.0100



22.5120, -22.0530, -2.3170

Previews

White Background



This preview shows how the YIQ color 193.4060, 19.3480, 1.7800 looks on a white background.

Color Contrast Check

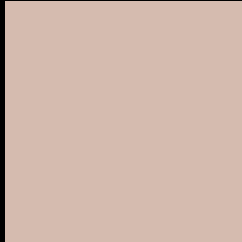
Large Text (above 18pt) WCAG AA × Fail

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 193.4060, 19.3480, 1.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

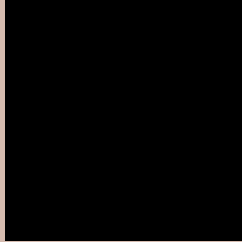
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.4060, 19.3480, 1.7800

Background



This preview shows how black text looks on a background with the YIQ color 193.4060, 19.3480, 1.7800.



This preview shows how white text looks on a background with the YIQ color 193.4060, 19.3480,

1.7800.

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

193.4060, 19.3480, 1.7800

Protanopia

192.3830, 8.9870, -3.1810

Deuteranopia

193.4280, 22.2820, 3.6740



Tritanopia

195.1640, 14.5780, 11.1380

Trichromacy



Original Color

193.4060, 19.3480, 1.7800

Protanomaly

192.5900, 12.8380, -1.3860

Deuteranomaly

193.7160, 21.4110, 2.9390

Tritanomaly

194.5400, 16.2750, 7.9150

Monochromacy



Original Color

193.4060, 19.3480, 1.7800

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4060, 19.3480, 1.7800 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(213, 187, 175)` looks like.

```
.text, #text, p{  
    color:rgb(213, 187, 175)  
}
```

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(213, 187, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 187, 175) }
```

Border

The CSS property to change the border of an element to YIQ 193.4060, 19.3480, 1.7800 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(213, 187, 175) }
```


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

```
.border{ border-color:rgb(213, 187, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 187, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 187, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 187, 175);  
box-shadow:4px 4px 4px 4px rgb(213, 187,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4060, 19.3480, 1.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 187, 175) }
```

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

```
.background{ background-color: rgb(213,  
187, 175) }
```

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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