

Converting Colors

YIQ(189.9680, 3.0260, 0.2260)

Have a look what the booklet for
YIQ(189.9680, 3.0260, 0.2260)
contains.

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Color

**YIQ(189.9680, 3.0260,
0.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BDBB
RGB	193, 189, 187
RGB Percent	76%, 74%, 73%
CMY	0.2431, 0.2588, 0.2666
CMYK	0.00, 0.02, 0.03, 0.24
HSL	20°, 5%, 75%
HSV	20°, 3%, 76%
XYZ	49.1601, 51.3202, 54.3304
YIQ	189.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

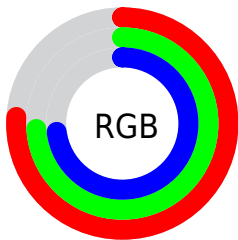
Format	Color
RYB	193, 190, 187
Decimal	12697019
CIELab	76.87, 1.04, 1.49
CIELCh	77, 1.821, 55.096
Yxy	51.3202, 0.3175, 0.3315
Android (android.graphics.Color)	4290887099 (0xFFC1BDBB)
YUV	189.9680, -1.4632, 2.6591
Hunter-Lab	71.6381, -2.8750, 5.1811

Details

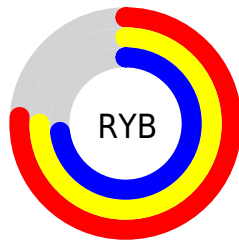
The YIQ color $189.9680, 3.0260, 0.2260$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $190.0320, -3.0260, -0.2260$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.9680, 3.0260, 0.2260$, and $136.9680, 3.0260, 0.2260$ is the 20% darker color. If you saturate the color by 10%, you get $180.1710, 12.7000, 1.1160$, and if you desaturate by 10%, it is $199.7650, -6.6480, -0.6640$.

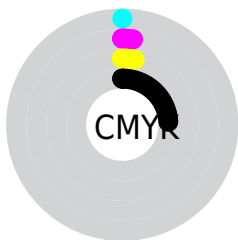
Distribution



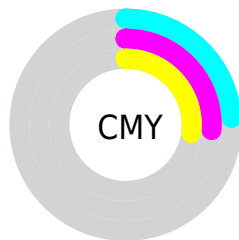
- Red (76%)
- Green (74%)
- Blue (73%)



- Red (76%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9680, 3.0260, 0.2260 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 189.9680, 3.0260, 0.2260 by changing the saturation by 10% instead.

■ 189.9680, 3.0260,
0.2260

■ 189.9680, 3.0260,
0.2260

255.0000, -0.0000,
-0.0000

■ 162.9680, 3.0260,
0.2260

■ 245.9680, 3.0260,
0.2260

■ 136.9680, 3.0260,
0.2260

■ 111.0820, 2.7050,
0.5370

■ 86.9680, 3.0260,
0.2260

■ 63.6690, 2.4300,
0.0140

■ 41.7830, 2.1090,
0.3250

■ 21.6690, 2.4300,

0.0140

0.0000, 0.0000,
0.0000

189.9680, 3.0260,
0.2260

189.9680, 3.0260,
0.2260

180.1710, 12.7000,
1.1160

199.7650, -6.6480,
-0.6640

170.2600, 22.6950,
1.6950

209.6760,
-16.6430, -1.2430

160.4630, 32.3690,
2.5850

219.4730,
-26.3170, -2.1330

151.2530, 41.7680,
2.9520

227.6570,
-32.8270, -5.2990

141.4560, 51.4420,
3.8420

235.2880,
-36.4020, -12.0980

■ 131.5450, 61.4370,
4.4210

■ 236.4620,
-36.9520, -13.1440

■ 121.7480, 71.1110,
5.3110

■ 111.9510, 80.7850,
6.2010

■ 102.0400, 90.7800,
6.7800

Harmonies

Analogous

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



190.3810, 3.3010, 0.7490



189.9680, 3.0260, 0.2260



190.1420, 2.4760, -0.8200

Triad

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



189.9680, 3.0260, 0.2260



189.2770, -2.3380, -1.6820



189.7550, -0.6880, 1.4560

Complementary

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



189.9680, 3.0260, 0.2260



190.0320, -3.0260, -0.2260

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.



189.7440, -2.1550, 0.5090



189.9680, 3.0260, 0.2260



189.5050, -2.9800, -1.0600

Square

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



189.9680, 3.0260, 0.2260



189.7610, -0.8250, -1.5690



189.0320, -3.0260, -0.2260



190.2390, 0.8250, 1.5690

Rectangle

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



189.9680, 3.0260, 0.2260



189.5440, 1.2840, -1.2440



189.0320, -3.0260, -0.2260



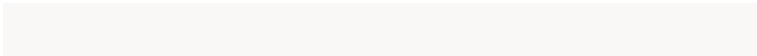
190.0430, -1.5590, 0.7210

Sweetspot

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



189.9680, 3.0260, 0.2260



248.4840, 1.5130, 0.1130



189.2500, 2.2920, 2.5160



124.2990, 0.5960, 0.2120



252.0000, 0.0000, 0.0000



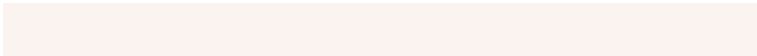
125.0000, 0.0000, 0.0000

Same Dimension

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



189.9680, 3.0260, 0.2260



244.7510, 5.1350, 0.5510



191.7290, 2.2010, -1.3430



94.6690, 2.4300, 0.0140



79.8370, 81.1060, 5.8900



16.3240, 16.6430, 1.2430

Inverse Universe

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



190.0320, -3.0260, -0.2260



245.2490, -5.1350, -0.5510



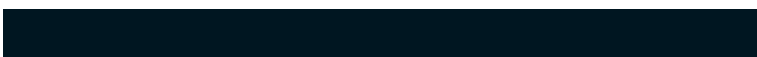
188.2710, -2.2010, 1.3430



94.3310, -2.4300, -0.0140



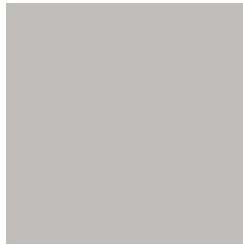
81.1630, -81.1060, -5.8900



16.6760, -16.6430, -1.2430

Previews

White Background



This preview shows how the YIQ color 189.9680, 3.0260, 0.2260 looks on a white background.

Color Contrast Check

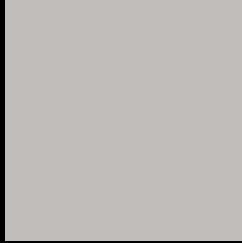
Large Text (above 18pt) WCAG AA × Fail

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 189.9680, 3.0260, 0.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

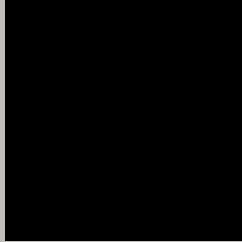
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

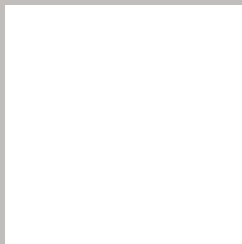
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.9680, 3.0260, 0.2260

Background



This preview shows how black text looks on a background with the YIQ color 189.9680, 3.0260, 0.2260.



This preview shows how white text looks on a background with the YIQ color 189.9680, 3.0260,

0.2260.

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

189.9680, 3.0260, 0.2260

Protanopia

190.2670, 3.6220, 0.4380

Deuteranopia

191.6320, 13.0200, 6.3320



Tritanopia

190.9880, 0.2740, 6.0500

Trichromacy



Original Color

189.9680, 3.0260, 0.2260

Protanomaly

190.2670, 3.6220, 0.4380

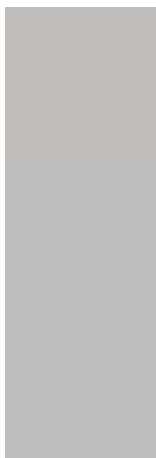
Deuteranomaly

191.3110, 9.4900, 4.2260

Tritanomaly

190.7060, 1.0080, 3.7600

Monochromacy



Original Color

189.9680, 3.0260, 0.2260

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9680, 3.0260, 0.2260 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(193, 189, 187)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 187)  
}
```

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(193, 189, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 187) }
```

Border

The CSS property to change the border of an element to YIQ 189.9680, 3.0260, 0.2260 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(193, 189, 187) }
```


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

```
.border{ border-color:rgb(193, 189, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 189, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 189, 187); box-shadow:4px 4px 4px 4px rgb(193, 189, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9680, 3.0260, 0.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 187) }
```

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

```
.background{ background-color: rgb(193,  
189, 187) }
```

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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