

Converting Colors

YIQ(188.8800, 0.4580, 2.7140)

Have a look what the booklet for
YIQ(188.8800, 0.4580, 2.7140)
contains.

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Color

**YIQ(188.8800, 0.4580,
2.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBBC1
RGB	191, 187, 193
RGB Percent	75%, 73%, 76%
CMY	0.2510, 0.2667, 0.2431
CMYK	0.01, 0.03, 0.00, 0.24
HSL	280°, 5%, 75%
HSV	280°, 3%, 76%
XYZ	48.8822, 50.4670, 57.6164
YIQ	188.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

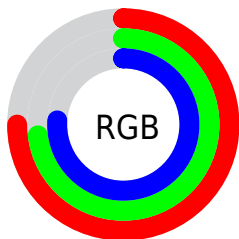
Format	Color
R_{YB}	191, 187, 193
Decimal	12565441
CIE _{Lab}	76.35, 2.51, -2.54
CIE _{LCh}	76, 3.571, 314.773
Yxy	50.4670, 0.3114, 0.3215
Android (android.graphics.Color)	4290755521 (0xFFFBFBC1)
YUV	188.8800, 2.0312, 1.8592
Hunter-Lab	71.0401, -1.4955, 1.6415

Details

The YIQ color $188.8800, 0.4580, 2.7140$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $191.1200, -0.4580, -2.7140$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.8800, 0.4580, 2.7140$, and $135.8800, 0.4580, 2.7140$ is the 20% darker color. If you saturate the color by 10%, you get $175.9330, 2.1070, 11.3790$, and if you desaturate by 10%, it is $201.8270, -1.1910, -5.9510$.

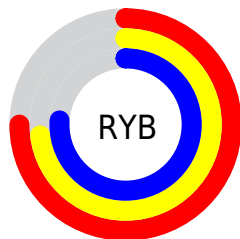
Distribution



Red (75%)

Green (73%)

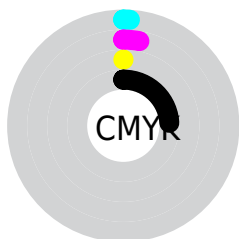
Blue (76%)



Red (75%)

Yellow (73%)

Blue (76%)

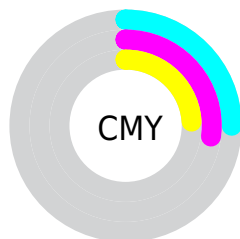


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8800, 0.4580, 2.7140 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 188.8800, 0.4580, 2.7140 by changing the saturation by 10% instead.

■ 188.8800, 0.4580,
2.7140

■ 188.8800, 0.4580,
2.7140

255.0000, -0.0000,
-0.0000

■ 161.8800, 0.4580,
2.7140

■ 244.8800, 0.4580,
2.7140

■ 135.8800, 0.4580,
2.7140

■ 110.4670, 0.1830,
2.1910

■ 85.8800, 0.4580,
2.7140

■ 62.7660, 0.7790,
2.4030

■ 40.7660, 0.7790,
2.4030

■ 20.4670, 0.1830,

2.1910

■ 0.0000, 0.0000,
0.0000

■ 188.8800, 0.4580,
2.7140

■ 188.8800, 0.4580,
2.7140

■ 175.9330, 2.1070,
11.3790

■ 201.8270, -1.1910,
-5.9510

■ 162.1000, 3.4350,
20.3550

■ 215.6600, -2.5190,
-14.9270

■ 149.1530, 5.0840,
29.0200

■ 228.6070, -4.1680,
-23.5920

■ 135.9070, 6.1370,
37.4730

■ 236.5700, -2.7460,
-27.3380

■ 122.9600, 7.7860,
46.1380

■ 238.3640, 0.8300,
-26.0660

■ 109.1270, 9.1140,
55.1140

■ 240.4570, 5.0020,
-24.5820

■ 96.1800, 10.7630,
63.7790

■ 242.2510, 8.5780,
-23.3100

■ 83.2330, 12.4120,
72.4440

■ 244.0450, 12.1540,
-22.0380

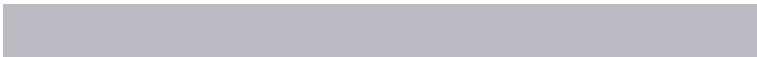
■ 69.4000, 13.7400,
81.4200

■ 246.1380, 16.3260,
-20.5540

Harmonies

Analogous

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



188.4990, -2.8430, 1.9650



188.8800, 0.4580, 2.7140



188.8480, 3.4840, 2.9400

Triad

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



188.8800, 0.4580, 2.7140



188.8110, 4.9060, -0.8060



187.3090, -5.3640, -1.9080

Complementary

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



188.8800, 0.4580, 2.7140



191.1200, -0.4580, -2.7140

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.



187.1520, -3.4840, -2.9400



188.8800, 0.4580, 2.7140



188.2020, 2.2470, -2.1770

Square

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



188.8800, 0.4580, 2.7140



189.0500, 5.7310, 0.7630



188.1200, -0.4580, -2.7140



187.6510, -6.3270, -0.9750

Rectangle

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



188.8800, 0.4580, 2.7140



188.9190, 4.7220, 2.5300



188.1200, -0.4580, -2.7140



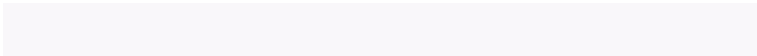
187.1950, -5.0430, -2.2190

Sweetspot

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



188.8800, 0.4580, 2.7140



247.9400, 0.2290, 1.3570



188.8580, -2.4760, 0.8200



124.4130, 0.2750, 0.5230



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.



188.8800, 0.4580, 2.7140



243.2330, 0.9620, 4.5940



189.3640, 1.9710, 2.8270



93.4670, 0.1830, 2.1910



50.3470, 12.0910, 72.7550



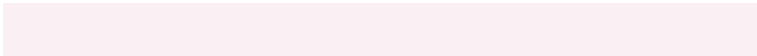
10.3400, 2.5190, 14.9270

Inverse Universe

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



189.0220, 2.9340, 1.8940



243.3320, 4.9970, 3.0530



190.6360, -1.9710, -2.8270



93.7230, 2.3380, 1.6820



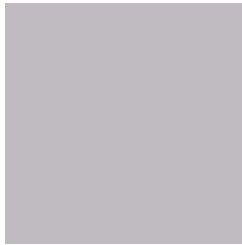
54.1810, 78.9430, 50.6150



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 188.8800, 0.4580, 2.7140 looks on a white background.

Color Contrast Check

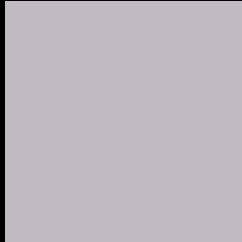
Large Text (above 18pt) WCAG AA × Fail

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 188.8800, 0.4580, 2.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

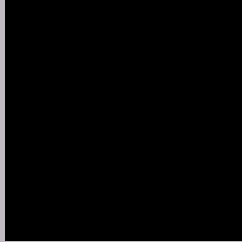
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8800, 0.4580, 2.7140

Background



This preview shows how black text looks on a background with the YIQ color 188.8800, 0.4580, 2.7140.

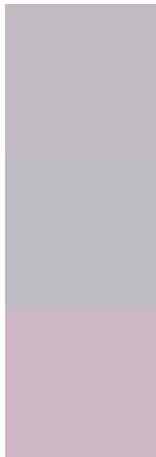


This preview shows how white text looks on a background with the YIQ color 188.8800, 0.4580,

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

188.8800, 0.4580, 2.7140

Protanopia

188.5810, -0.1380, 2.5020

Deuteranopia

190.5330, 8.9850, 7.8730



Tritanopia

189.3900, -0.9180, 5.6260

Trichromacy



Original Color

188.8800, 0.4580, 2.7140

Protanomaly

188.5810, -0.1380, 2.5020

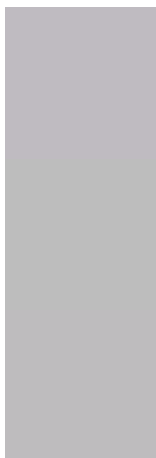
Deuteranomaly

189.6250, 5.7300, 6.2900

Tritanomaly

189.0480, 0.0450, 4.6930

Monochromacy



Original Color

188.8800, 0.4580, 2.7140

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8800, 0.4580, 2.7140 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(191, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 193)  
}
```

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(191, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 193) }
```

Border

The CSS property to change the border of an element to YIQ 188.8800, 0.4580, 2.7140 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(191, 187, 193) }
```


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

```
.border{ border-color:rgb(191, 187, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 187, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 187, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 187, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 187,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8800, 0.4580, 2.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 187, 193) }
```

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

```
.background{ background-color: rgb(191,  
187, 193) }
```

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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