

Converting Colors

YIQ(188.7020, 6.8310, 2.8550)

Have a look what the booklet for
YIQ(188.7020, 6.8310, 2.8550)
contains.

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Color

**YIQ(188.7020, 6.8310,
2.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B9BA
RGB	197, 185, 186
RGB Percent	77%, 73%, 73%
CMY	0.2274, 0.2745, 0.2706
CMYK	0.00, 0.06, 0.06, 0.23
HSL	355°, 9%, 75%
HSV	355°, 6%, 77%
XYZ	49.2395, 50.1126, 53.5356
YIQ	188.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

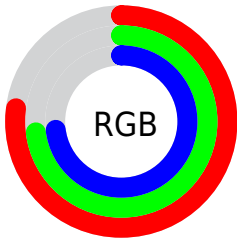
Format	Color
R _Y B	197, 185, 186
Decimal	12958138
CIE Lab	76.14, 4.42, 1.00
CIE LCh	76, 4.535, 12.796
Yxy	50.1126, 0.3221, 0.3278
Android (android.graphics.Color)	4291148218 (0xFFC5B9BA)
YUV	188.7020, -1.3321, 7.2773
Hunter-Lab	70.7902, 0.2760, 4.7147

Details

The YIQ color **188.7020, 6.8310, 2.8550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193.2980, -6.8310, -2.8550**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.0010, 7.4270, 3.0670**, and **135.4030, 6.2350, 2.6430** is the 20% darker color. If you saturate the color by 10%, you get **174.9100, 18.1090, 7.7170**, and if you desaturate by 10%, it is **202.4940, -4.4470, -2.0070**.

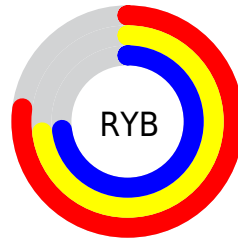
Distribution



Red (77%)

Green (73%)

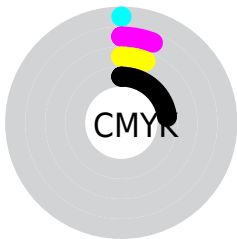
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

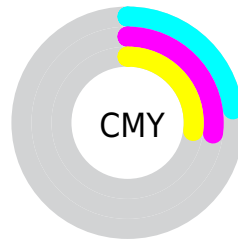


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7020, 6.8310, 2.8550 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 188.7020, 6.8310, 2.8550 by changing the saturation by 10% instead.

■ 188.7020, 6.8310,
2.8550

■ 188.7020, 6.8310,
2.8550

255.0000, -0.0000,
-0.0000

■ 161.7020, 6.8310,
2.8550

■ 245.0010, 7.4270,
3.0670

■ 135.4030, 6.2350,
2.6430

■ 110.4030, 6.2350,
2.6430

■ 86.1040, 5.6390,
2.4310

■ 62.6910, 5.3640,
1.9080

■ 40.8050, 5.0430,
2.2190

■ 20.1040, 5.6390,

2.4310

0.0000, 0.0000,
0.0000

188.7020, 6.8310,
2.8550

188.7020, 6.8310,
2.8550

174.9100, 18.1090,
7.7170

202.4940, -4.4470,
-2.0070

161.7050, 29.1120,
12.0560

215.6990,
-15.4500, -6.3460

147.9130, 40.3900,
16.9180

229.4910,
-26.7280, -11.2080

134.1210, 51.6680,
21.7800

237.6580,
-34.5680, -12.2960

120.3290, 62.9460,
26.6420

■ 107.1240, 73.9490,
30.9810

■ 93.3320, 85.2270,
35.8430

■ 79.5400, 96.5050,
40.7050

■ 66.3350, 107.5080,
45.0440

Harmonies

Analogous

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



188.5600, 4.3550, 3.6750



188.7020, 6.8310, 2.8550



188.8330, 7.8400, 1.0880

Triad

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



188.7020, 6.8310, 2.8550



186.7070, -0.7330, -3.2370



187.4060, -7.0150, 0.4810

Complementary

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



188.7020, 6.8310, 2.8550



193.2980, -6.8310, -2.8550

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.



186.7540, -8.1150, -1.6110



188.7020, 6.8310, 2.8550



186.4400, -4.3550, -3.6750

Square

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



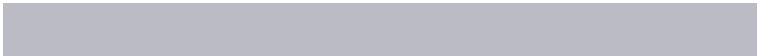
188.7020, 6.8310, 2.8550



187.3870, 3.1640, -2.2760



186.2980, -6.8310, -2.8550



187.7270, -3.4850, 2.5870

Rectangle

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



188.7020, 6.8310, 2.8550



188.0070, 7.2900, 0.0420



186.2980, -6.8310, -2.8550



186.9930, -7.2900, -0.0420

Sweetspot

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



188.7020, 6.8310, 2.8550



251.4950, 2.9800, 1.0600



189.6570, 2.7040, 6.0640



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



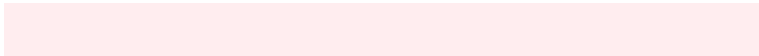
128.0000, -0.0000, -0.0000

Same Dimension

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



188.7020, 6.8310, 2.8550



242.6100, 10.0860, 4.4380



191.5230, 5.7770, -0.0710



93.5060, 4.4470, 2.0070



50.3330, 92.6540, 38.9100



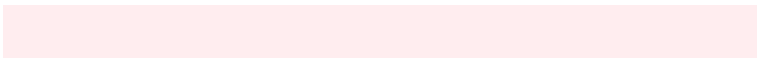
11.1060, 20.4930, 8.5650

Inverse Universe

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



188.7020, 6.8310, 2.8550



242.6100, 10.0860, 4.4380



190.4770, -5.7770, 0.0710



93.5060, 4.4470, 2.0070



50.3330, 92.6540, 38.9100



11.1060, 20.4930, 8.5650

Previews

White Background



This preview shows how the YIQ color 188.7020, 6.8310, 2.8550 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 188.7020, 6.8310, 2.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

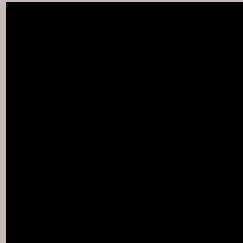
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.7020, 6.8310, 2.8550

Background



This preview shows how black text looks on a background with the YIQ color 188.7020, 6.8310, 2.8550.



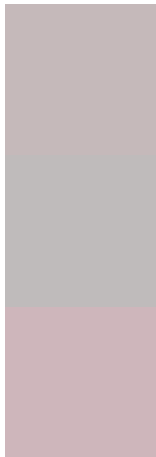
This preview shows how white text looks on a background with the YIQ color 188.7020, 6.8310,

2.8550.

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

188.7020, 6.8310, 2.8550

Protanopia

188.1960, 2.3840, 0.8480

Deuteranopia

189.7460, 12.6990, 6.6430



Tritanopia

189.4940, 4.7210, 8.0570

Trichromacy



Original Color

188.7020, 6.8310, 2.8550

Protanomaly

188.2070, 3.8510, 1.7950

Deuteranomaly

189.4360, 10.6360, 5.4840

Tritanomaly

189.3260, 5.1340, 6.0780

Monochromacy



Original Color

188.7020, 6.8310, 2.8550

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7020, 6.8310, 2.8550 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(197, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 186)  
}
```

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(197, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 186) }
```

Border

The CSS property to change the border of an element to YIQ 188.7020, 6.8310, 2.8550 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(197, 185, 186) }
```


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

```
.border{ border-color:rgb(197, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7020, 6.8310, 2.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 186) }
```

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

```
.background{ background-color: rgb(197,  
185, 186) }
```

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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