

Converting Colors

YIQ(190.7620, 6.6020, 1.4980)

Have a look what the booklet for
YIQ(190.7620, 6.6020, 1.4980)
contains.

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Color

**YIQ(190.7620, 6.6020,
1.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BCBA
RGB	198, 188, 186
RGB Percent	78%, 74%, 73%
CMY	0.2235, 0.2627, 0.2706
CMYK	0.00, 0.05, 0.06, 0.22
HSL	10°, 10%, 75%
HSV	10°, 6%, 78%
XYZ	50.1362, 51.5167, 53.7596
YIQ	190.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

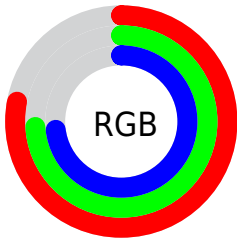
Format	Color
R _Y B	198, 188, 186
Decimal	13024442
CIE Lab	76.99, 3.17, 2.25
CIE LCh	77, 3.890, 35.417
Yxy	51.5167, 0.3226, 0.3315
Android (android.graphics.Color)	4291214522 (0xFFC6BCBA)
YUV	190.7620, -2.3477, 6.3477
Hunter-Lab	71.7751, -0.9209, 5.8344

Details

The YIQ color **190.7620, 6.6020, 1.4980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193.2380, -6.6020, -1.4980**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.0610, 7.1980, 1.7100**, and **137.4630, 6.0060, 1.2860** is the 20% darker color. If you saturate the color by 10%, you get **178.5030, 17.6970, 4.1690**, and if you desaturate by 10%, it is **203.0210, -4.4930, -1.1730**.

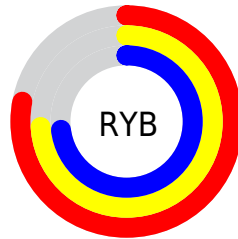
Distribution



Red (78%)

Green (74%)

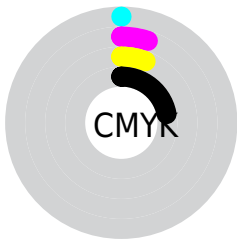
Blue (73%)



Red (78%)

Yellow (74%)

Blue (73%)

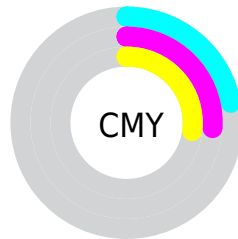


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.7620, 6.6020, 1.4980 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 190.7620, 6.6020, 1.4980 by changing the saturation by 10% instead.

■ 190.7620, 6.6020,
1.4980

■ 190.7620, 6.6020,
1.4980

255.0000, -0.0000,
-0.0000

■ 163.7620, 6.6020,
1.4980

■ 247.0610, 7.1980,
1.7100

■ 137.4630, 6.0060,
1.2860

■ 112.4630, 6.0060,
1.2860

■ 87.5770, 5.6850,
1.5970

■ 64.1640, 5.4100,
1.0740

■ 42.2780, 5.0890,
1.3850

■ 21.8650, 4.8140,

0.8620

0.0000, 0.0000,
0.0000

190.7620, 6.6020,
1.4980

190.7620, 6.6020,
1.4980

178.5030, 17.6970,
4.1690

203.0210, -4.4930,
-1.1730

166.8310, 28.5170,
6.3170

214.6930,
-15.3130, -3.3210

154.6860, 39.2910,
9.2990

226.8380,
-26.0870, -6.3030

143.0140, 50.1110,
11.4470

237.3700,
-33.6970, -11.5610

130.7550, 61.2060,
14.1180

237.9570,
-33.9720, -12.0840

■ 119.0830, 72.0260,
16.2660

■ 106.8240, 83.1210,
18.9370

■ 95.2660, 93.6200,
21.3960

■ 83.0070, 104.7150,
24.0670

Harmonies

Analogous

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



191.1040, 5.6390, 2.4310



190.7620, 6.6020, 1.4980



190.5230, 5.7770, -0.0710

Triad

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



190.7620, 6.6020, 1.4980



189.0380, -3.1630, -3.2510



189.9010, -4.0350, 1.5410

Complementary

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



190.7620, 6.6020, 1.4980



193.2380, -6.6020, -1.4980

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.



189.4770, -5.7770, 0.0710



190.7620, 6.6020, 1.4980



188.8960, -5.6390, -2.4310

Square

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



190.7620, 6.6020, 1.4980



189.3050, 0.4590, -2.8130



189.2380, -6.6020, -1.4980



190.6950, -0.4590, 2.8130

Rectangle

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



190.7620, 6.6020, 1.4980



190.3980, 4.6310, -1.3290



189.2380, -6.6020, -1.4980



190.1890, -4.9060, 0.8060

Sweetspot

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



190.7620, 6.6020, 1.4980



252.0820, 2.7050, 0.5370



190.7280, 3.9420, 5.6540



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



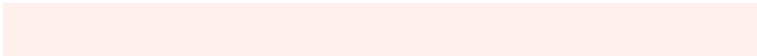
128.0000, -0.0000, -0.0000

Same Dimension

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



190.7620, 6.6020, 1.4980



244.1430, 9.9030, 2.2470



194.2840, 4.9520, -1.6400



94.5660, 4.2180, 0.6500



64.5860, 89.7230, 20.4350



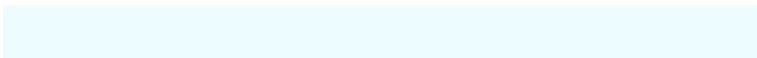
14.2860, 19.8060, 4.4940

Inverse Universe

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



193.2380, -6.6020, -1.4980



247.8570, -9.9030, -2.2470



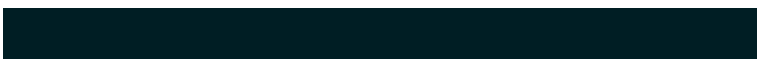
189.7160, -4.9520, 1.6400



96.0210, -4.4930, -1.1730



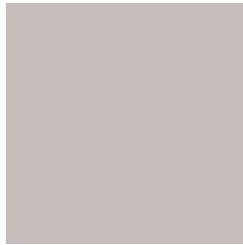
98.4140, -89.7230, -20.4350



21.7140, -19.8060, -4.4940

Previews

White Background



This preview shows how the YIQ color 190.7620, 6.6020, 1.4980 looks on a white background.

Color Contrast Check

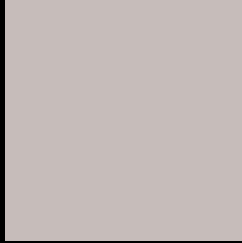
Large Text (above 18pt) WCAG AA × Fail

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 190.7620, 6.6020, 1.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

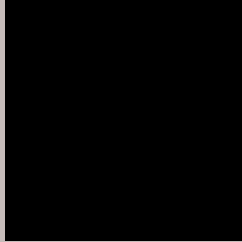
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.7620, 6.6020, 1.4980

Background



This preview shows how black text looks on a background with the YIQ color 190.7620, 6.6020, 1.4980.



This preview shows how white text looks on a background with the YIQ color 190.7620, 6.6020,

1.4980.

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

190.7620, 6.6020, 1.4980

Protanopia

190.2670, 3.6220, 0.4380

Deuteranopia

192.1160, 14.5330, 6.4450



Tritanopia

191.7820, 3.8500, 7.3220

Trichromacy



Original Color

190.7620, 6.6020, 1.4980

Protanomaly

190.5660, 4.2180, 0.6500

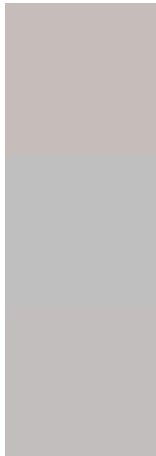
Deuteranomaly

191.5070, 11.8740, 5.0740

Tritanomaly

191.5000, 4.5840, 5.0320

Monochromacy



Original Color

190.7620, 6.6020, 1.4980

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7620, 6.6020, 1.4980 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(198, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 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(198, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 186) }
```

Border

The CSS property to change the border of an element to YIQ 190.7620, 6.6020, 1.4980 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(198, 188, 186) }
```


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

```
.border{ border-color:rgb(198, 188, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 186);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7620, 6.6020, 1.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 186) }
```

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

```
.background{ background-color: rgb(198,  
188, 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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