

Converting Colors

YIQ(196.7620, 6.6020, 1.4980)

Have a look what the booklet for
YIQ(196.7620, 6.6020, 1.4980)
contains.

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Color

**YIQ(196.7620, 6.6020,
1.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2C0
RGB	204, 194, 192
RGB Percent	80%, 76%, 75%
CMY	0.2000, 0.2392, 0.2470
CMYK	0.00, 0.05, 0.06, 0.20
HSL	10°, 11%, 78%
HSV	10°, 6%, 80%
XYZ	53.7095, 55.2260, 57.7022
YIQ	196.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

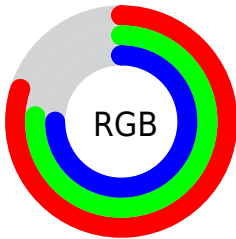
Format	Color
RYB	204, 194, 192
Decimal	13419200
CIELab	79.17, 3.15, 2.24
CIELCh	79, 3.866, 35.414
Yxy	55.2260, 0.3223, 0.3314
Android (android.graphics.Color)	4291609280 (0xFFCCC2C0)
YUV	196.7620, -2.3477, 6.3477
Hunter-Lab	74.3142, -1.0416, 5.9835

Details

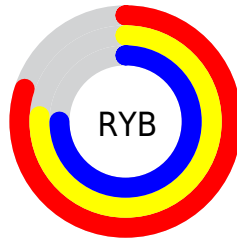
The YIQ color **196.7620, 6.6020, 1.4980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199.2380, -6.6020, -1.4980**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.2670, 3.6220, 0.4380**, and **142.8760, 6.2810, 1.8090** is the 20% darker color. If you saturate the color by 10%, you get **184.5030, 17.6970, 4.1690**, and if you desaturate by 10%, it is **209.0210, -4.4930, -1.1730**.

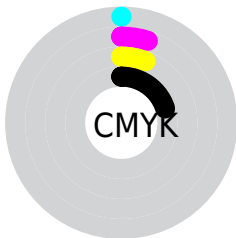
Distribution



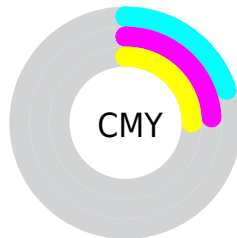
- Red (80%)
- Green (76%)
- Blue (75%)



- Red (80%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7620, 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 196.7620, 6.6020, 1.4980 by changing the saturation by 10% instead.

■ 196.7620, 6.6020,
1.4980

■ 196.7620, 6.6020,
1.4980

255.0000, -0.0000,
-0.0000

■ 169.7620, 6.6020,
1.4980

■ 251.2670, 3.6220,
0.4380

■ 142.8760, 6.2810,
1.8090

■ 117.4630, 6.0060,
1.2860

■ 92.5770, 5.6850,
1.5970

■ 69.1640, 5.4100,
1.0740

■ 46.8650, 4.8140,
0.8620

■ 25.9790, 4.4930,

1.1730

■ 0.0000, 0.0000,
0.0000

■ 196.7620, 6.6020,
1.4980

■ 196.7620, 6.6020,
1.4980

■ 184.5030, 17.6970,
4.1690

■ 209.0210, -4.4930,
-1.1730

■ 172.1300, 29.1130,
6.5290

■ 221.3940,
-15.9090, -3.5330

■ 159.8710, 40.2080,
9.2000

■ 233.6530,
-27.0040, -6.2040

■ 147.4980, 51.6240,
11.5600

■ 239.7510,
-30.3960, -10.8120

■ 135.2390, 62.7190,
14.2310

■ 122.9800, 73.8140,
16.9020

■ 110.6070, 85.2300,
19.2620

■ 98.3480, 96.3250,
21.9330

■ 85.9750, 107.7410,
24.2930

Harmonies

Analogous

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



197.1040, 5.6390, 2.4310



196.7620, 6.6020, 1.4980



196.5230, 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.



196.7620, 6.6020, 1.4980



195.0380, -3.1630, -3.2510



195.9010, -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.



196.7620, 6.6020, 1.4980



199.2380, -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.



195.4770, -5.7770, 0.0710



196.7620, 6.6020, 1.4980



194.8960, -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.



196.7620, 6.6020, 1.4980



195.3050, 0.4590, -2.8130



195.2380, -6.6020, -1.4980



196.6950, -0.4590, 2.8130

Rectangle

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



196.7620, 6.6020, 1.4980



196.3980, 4.6310, -1.3290



195.2380, -6.6020, -1.4980



196.1890, -4.9060, 0.8060

Sweetspot

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



196.7620, 6.6020, 1.4980



252.0820, 2.7050, 0.5370



196.7280, 3.9420, 5.6540



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



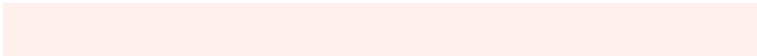
128.0000, -0.0000, -0.0000

Same Dimension

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



196.7620, 6.6020, 1.4980



244.1430, 9.9030, 2.2470



200.2840, 4.9520, -1.6400



96.9790, 4.4930, 1.1730



66.0700, 91.2360, 20.5480



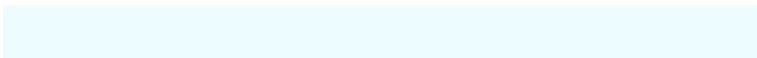
14.8840, 20.9980, 4.9180

Inverse Universe

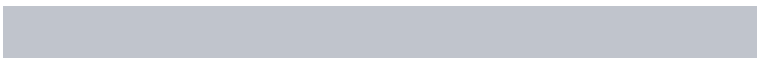
The Inverse Universe completely reimagines the original color for something new.



199.2380, -6.6020, -1.4980



247.8570, -9.9030, -2.2470



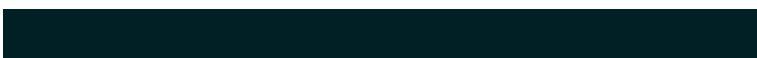
195.7160, -4.9520, 1.6400



99.0210, -4.4930, -1.1730



99.9300, -91.2360, -20.5480



23.1160, -20.9980, -4.9180

Previews

White Background



This preview shows how the YIQ color 196.7620, 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 196.7620, 6.6020, 1.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

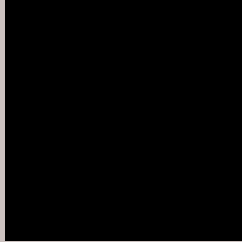
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.7620, 6.6020, 1.4980

Background



This preview shows how black text looks on a background with the YIQ color 196.7620, 6.6020, 1.4980.



This preview shows how white text looks on a background with the YIQ color 196.7620, 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

196.7620, 6.6020, 1.4980

Protanopia

196.2670, 3.6220, 0.4380

Deuteranopia

198.1160, 14.5330, 6.4450



Tritanopia

197.8960, 3.5290, 7.6330

Trichromacy



Original Color

196.7620, 6.6020, 1.4980

Protanomaly

196.5660, 4.2180, 0.6500

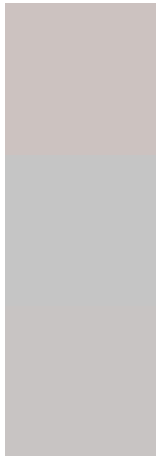
Deuteranomaly

197.5070, 11.8740, 5.0740

Tritanomaly

197.6140, 4.2630, 5.3430

Monochromacy



Original Color

196.7620, 6.6020, 1.4980

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7620, 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(204, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 192)  
}
```

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(204, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 192) }
```

Border

The CSS property to change the border of an element to YIQ 196.7620, 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(204, 194, 192) }
```


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

```
.border{ border-color:rgb(204, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 194, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 194, 192); box-shadow:4px 4px 4px 4px rgb(204, 194, 192) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7620, 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(204, 194, 192) }
```

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

```
.background{ background-color: rgb(204,  
194, 192) }
```

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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