

Converting Colors

YIQ(200.5320, 1.5580, 4.8060)

Have a look what the booklet for
YIQ(200.5320, 1.5580, 4.8060)
contains.

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Color

**YIQ(200.5320, 1.5580,
4.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC5CF
RGB	205, 197, 207
RGB Percent	80%, 77%, 81%
CMY	0.1960, 0.2274, 0.1882
CMYK	0.01, 0.05, 0.00, 0.19
HSL	288°, 9%, 79%
HSV	288°, 5%, 81%
XYZ	56.4065, 57.4160, 67.1407
YIQ	200.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

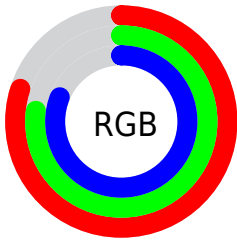
Format	Color
R _Y B	205, 197, 207
Decimal	13485519
CIE Lab	80.41, 4.61, -4.00
CIE LCh	80, 6.101, 319.010
Yxy	57.4160, 0.3117, 0.3173
Android (android.graphics.Color)	4291675599 (0xFFCDC5CF)
YUV	200.5320, 3.1887, 3.9184
Hunter-Lab	75.7734, 0.2740, 0.5061

Details

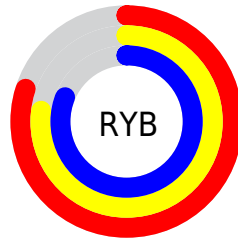
The YIQ color `200.5320, 1.5580, 4.8060` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `203.4680, -1.5580, -4.8060`, and the grayscale version is `200.0000, -0.0000, -0.0000`.

A 20% lighter version of the original color is `254.4130, 0.2750, 0.5230`, and `146.5320, 1.5580, 4.8060` is the 20% darker color. If you saturate the color by 10%, you get `187.0090, 4.9490, 14.9410`, and if you desaturate by 10%, it is `214.0550, -1.8330, -5.3290`.

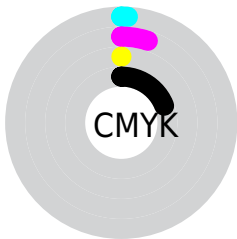
Distribution



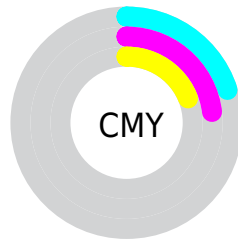
- Red (80%)
- Green (77%)
- Blue (81%)



- Red (80%)
- Yellow (77%)
- Blue (81%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5320, 1.5580, 4.8060 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 200.5320, 1.5580, 4.8060 by changing the saturation by 10% instead.

■ 200.5320, 1.5580,
4.8060

■ 200.5320, 1.5580,
4.8060

255.0000, -0.0000,
-0.0000

■ 173.4180, 1.8790,
4.4950

254.4130, 0.2750,
0.5230

■ 146.5320, 1.5580,
4.8060

■ 121.1190, 1.2830,
4.2830

■ 96.1190, 1.2830,
4.2830

■ 72.1190, 1.2830,
4.2830

■ 49.7060, 1.0080,
3.7600

■ 28.7060, 1.0080,

3.7600

■ 3.9450, 1.8330,
5.3290

■ 0.0000, 0.0000,
0.0000

■ 200.5320, 1.5580,
4.8060

■ 200.5320, 1.5580,
4.8060

■ 187.0090, 4.9490,
14.9410

■ 214.0550, -1.8330,
-5.3290

■ 174.0730, 8.0650,
24.5530

■ 226.9910, -4.9490,
-14.9410

■ 160.5500, 11.4560,
34.6880

■ 238.1660, -7.2400,
-22.9840

■ 147.0270, 14.8470,
44.8230

■ 239.6610, -4.2600,
-21.9240

■ 133.7920, 17.3670,
54.2230

■ 240.8570, -1.8760,
-21.0760

■ 120.2690, 20.7580,
64.3580

■ 242.0530, 0.5080,
-20.2280

■ 106.7460, 24.1490,
74.4930

■ 243.2490, 2.8920,
-19.3800

■ 93.2230, 27.5400,
84.6280

■ 244.4450, 5.2760,
-18.5320

■ 80.2870, 30.6560,
94.2400

■ 245.6410, 7.6600,
-17.6840

Harmonies

Analogous

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



199.9550, -4.1270, 3.2090



200.5320, 1.5580, 4.8060



200.8700, 6.4180, 4.8340

Triad

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



200.5320, 1.5580, 4.8060



199.5510, 8.5740, -1.2020



197.9170, -10.1320, -3.6040

Complementary

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



200.5320, 1.5580, 4.8060



203.4680, -1.5580, -4.8060

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.



197.8310, -7.0140, -5.0460



200.5320, 1.5580, 4.8060



198.7460, 3.5310, -3.4210

Square

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



200.5320, 1.5580, 4.8060



200.5020, 10.2700, 1.1020



198.4680, -1.5580, -4.8060



198.1990, -10.8660, -1.3140

Rectangle

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



200.5320, 1.5580, 4.8060



201.0120, 8.8940, 4.0140



198.4680, -1.5580, -4.8060



197.6890, -9.4900, -4.2260

Sweetspot

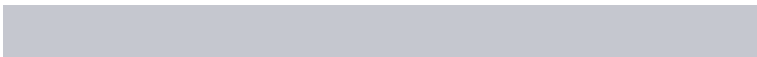
The Sweet Spot groups the original color and five complimentary colors.



200.5320, 1.5580, 4.8060



252.9400, 0.2290, 1.3570



199.3140, -3.7600, 2.0640



126.5270, -0.0460, 0.8340



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.



200.5320, 1.5580, 4.8060



245.2980, 2.3370, 7.2090



200.7880, 3.7130, 4.2970



99.7060, 1.0080, 3.7600



59.5170, 26.5320, 80.8680



14.5410, 6.5070, 19.7470

Inverse Universe

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



200.2180, 5.3180, 2.7420



244.8270, 7.9770, 4.1130



203.2120, -3.7130, -4.2970



99.6200, 4.1260, 2.3180



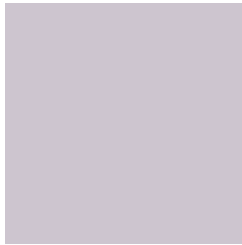
54.1080, 89.2140, 46.1900



13.1710, 21.8680, 11.1800

Previews

White Background



This preview shows how the YIQ color 200.5320, 1.5580, 4.8060 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 200.5320, 1.5580, 4.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

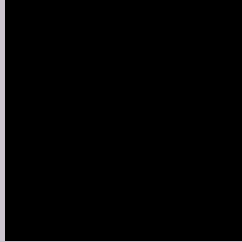
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

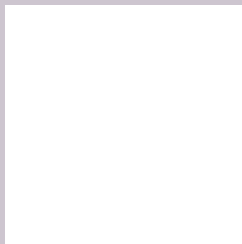
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.5320, 1.5580, 4.8060

Background



This preview shows how black text looks on a background with the YIQ color 200.5320, 1.5580, 4.8060.



This preview shows how white text looks on a background with the YIQ color 200.5320, 1.5580,

4.8060.

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

200.5320, 1.5580, 4.8060

Protanopia

200.0370, -1.4220, 3.7460

Deuteranopia

201.2880, 8.2970, 9.3290



Tritanopia

200.8140, 0.8240, 7.0960

Trichromacy



Original Color

200.5320, 1.5580, 4.8060

Protanomaly

200.3360, -0.8260, 3.9580

Deuteranomaly

200.6790, 5.6380, 7.9580

Tritanomaly

200.5860, 1.4660, 6.4740

Monochromacy



Original Color

200.5320, 1.5580, 4.8060

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9400, 0.2290, 1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5320, 1.5580, 4.8060 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(205, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(205, 197, 207)  
}
```

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(205, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 197, 207) }
```

Border

The CSS property to change the border of an element to YIQ 200.5320, 1.5580, 4.8060 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(205, 197, 207) }
```


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

```
.border{ border-color:rgb(205, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(205, 197,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5320, 1.5580, 4.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 197, 207) }
```

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

```
.background{ background-color: rgb(205,  
197, 207) }
```

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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