

Converting Colors

YIQ(199.3960, -1.0550, 2.6010)

Have a look what the booklet for
YIQ(199.3960, -1.0550, 2.6010)
contains.

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Color

**YIQ(199.3960, -1.0550,
2.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C6CD
RGB	200, 198, 205
RGB Percent	78%, 78%, 80%
CMY	0.2157, 0.2235, 0.1961
CMYK	0.02, 0.03, 0.00, 0.20
HSL	257°, 7%, 79%
HSV	257°, 3%, 80%
XYZ	55.0331, 57.0751, 65.8721
YIQ	199.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

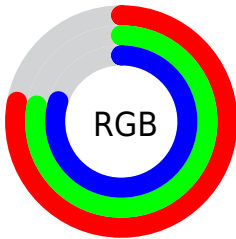
Format	Color
R _Y B	200, 198, 205
Decimal	13158093
CIE Lab	80.22, 1.99, -3.25
CIE LCh	80, 3.813, 301.470
Yxy	57.0751, 0.3092, 0.3207
Android (android.graphics.Color)	4291348173 (0xFFC8C6CD)
YUV	199.3960, 2.7628, 0.5297
Hunter-Lab	75.5481, -2.1806, 1.1874

Details

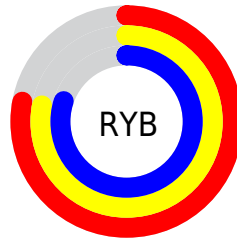
The YIQ color **199.3960, -1.0550, 2.6010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203.6040, 1.0550, -2.6010**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **145.3960, -1.0550, 2.6010** is the 20% darker color. If you saturate the color by 10%, you get **183.1710, -4.4950, 9.8810**, and if you desaturate by 10%, it is **216.2080, 2.1100, -5.2020**.

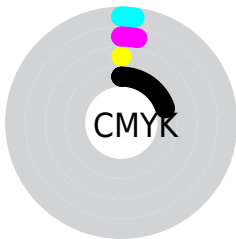
Distribution



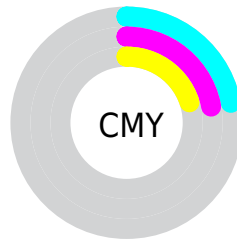
- Red (78%)
- Green (78%)
- Blue (80%)



- Red (78%)
- Yellow (78%)
- Blue (80%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.3960, -1.0550, 2.6010 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 199.3960, -1.0550, 2.6010 by changing the saturation by 10% instead.

■ 199.3960, -1.0550,
2.6010

■ 199.3960, -1.0550,
2.6010

255.0000, -0.0000,
-0.0000

■ 172.3960, -1.0550,
2.6010

■ 145.3960, -1.0550,
2.6010

■ 119.9830, -1.3300,
2.0780

■ 95.2820, -0.7340,
2.2900

■ 71.2820, -0.7340,
2.2900

■ 49.2820, -0.7340,
2.2900

■ 28.1680, -0.4130,

1.9790

■ 1.6240, -1.6970,
3.2230

■ 0.0000, 0.0000,
0.0000

■ 199.3960, -1.0550,
2.6010

■ 199.3960, -1.0550,
2.6010

■ 183.1710, -4.4950,
9.8810

■ 216.2080, 2.1100,
-5.2020

■ 166.6580, -7.0640,
17.8960

■ 232.1340, 4.9540,
-12.6940

■ 150.4330,
-10.5040, 25.1760

■ 246.0110, 9.4940,
-17.8820

■ 133.6210,
-13.6690, 32.9790

■ 249.3000, 16.0500,
-15.5500

■ 117.6950,
-16.5130, 40.4710

■ 100.8830,
-19.6780, 48.2740

■ 84.9570, -22.5220,
55.7660

■ 68.1450, -25.6870,
63.5690

■ 51.9200, -29.1270,
70.8490

Harmonies

Analogous

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



198.9010, -4.0350, 1.5410



199.3960, -1.0550, 2.6010



199.6630, 2.5670, 3.0390

Triad

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



199.3960, -1.0550, 2.6010



199.5230, 5.7770, -0.0710



197.7820, -5.3180, -2.7420

Complementary

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



199.3960, -1.0550, 2.6010



203.6040, 1.0550, -2.6010

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.



198.2230, -2.2460, -3.3500



199.3960, -1.0550, 2.6010



199.0990, 4.0350, -1.5410

Square

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



199.3960, -1.0550, 2.6010



199.7620, 6.6020, 1.4980



198.6040, 1.0550, -2.6010



198.1240, -6.2810, -1.8090

Rectangle

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



199.3960, -1.0550, 2.6010



200.0330, 4.4010, 2.8410



198.6040, 1.0550, -2.6010



197.9670, -4.4010, -2.8410

Sweetspot

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



199.3960, -1.0550, 2.6010



252.6410, -0.3670, 1.1450



201.7330, -3.6220, -0.4380



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.



199.3960, -1.0550, 2.6010



247.0370, -1.4220, 3.7460



200.2930, 0.7330, 3.2370



97.8690, -1.0090, 1.7670



32.9770, -25.2740, 61.5900



7.6210, -5.6420, 14.1500

Inverse Universe

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



200.6630, 2.5670, 3.0390



248.7880, 3.7130, 4.2970



202.7070, -0.7330, -3.2370



98.9510, 1.6960, 2.3040



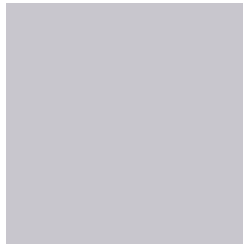
63.0860, 61.0580, 71.8900



14.4400, 13.9810, 16.4530

Previews

White Background



This preview shows how the YIQ color 199.3960, -1.0550, 2.6010 looks on a white background.

Color Contrast Check

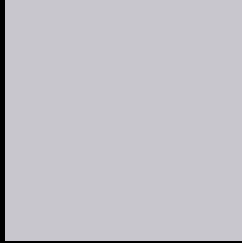
Large Text (above 18pt) WCAG AA × Fail

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 199.3960, -1.0550, 2.6010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

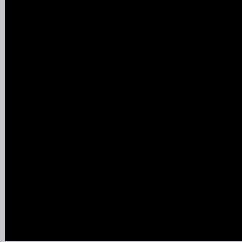
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

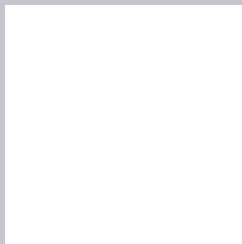
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 199.3960, -1.0550, 2.6010

Background



This preview shows how black text looks on a background with the YIQ color 199.3960, -1.0550, 2.6010.

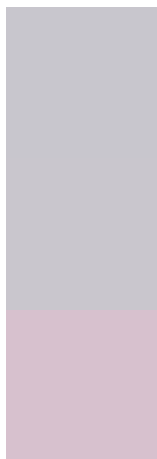


This preview shows how white text looks on a background with the YIQ color 199.3960, -1.0550,

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

199.3960, -1.0550, 2.6010

Protanopia

199.6950, -0.4590, 2.8130

Deuteranopia

201.0600, 8.9390, 8.7070



Tritanopia

199.9060, -2.4310, 5.5130

Trichromacy



Original Color

199.3960, -1.0550, 2.6010

Protanomaly

199.6950, -0.4590, 2.8130

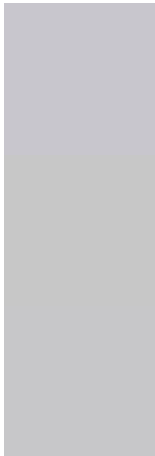
Deuteranomaly

200.7390, 5.4090, 6.6010

Tritanomaly

199.5640, -1.4680, 4.5800

Monochromacy



Original Color

199.3960, -1.0550, 2.6010

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.3960, -1.0550, 2.6010 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(200, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 205)  
}
```

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(200, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 205) }
```

Border

The CSS property to change the border of an element to YIQ 199.3960, -1.0550, 2.6010 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(200, 198, 205) }
```


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

```
.border{ border-color:rgb(200, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 199.3960, -1.0550, 2.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 205) }
```

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

```
.background{ background-color: rgb(200,  
198, 205) }
```

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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