

Converting Colors

YIQ(199.4770, 3.3910, 10.1350)

Have a look what the booklet for
YIQ(199.4770, 3.3910, 10.1350)
contains.

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Color

**YIQ(199.4770, 3.3910,
10.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C0D5
RGB	209, 192, 213
RGB Percent	82%, 75%, 84%
CMY	0.1803, 0.2471, 0.1647
CMYK	0.02, 0.10, 0.00, 0.16
HSL	289°, 20%, 79%
HSV	289°, 10%, 84%
XYZ	57.1566, 56.0575, 70.7580
YIQ	199.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

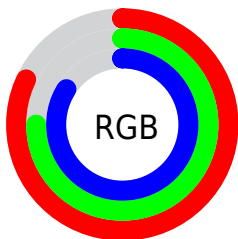
Format	Color
R _Y B	209, 192, 213
Decimal	13746389
CIE Lab	79.65, 9.76, -8.33
CIE LCh	80, 12.832, 319.539
Yxy	56.0575, 0.3107, 0.3047
Android (android.graphics.Color)	4291936469 (0xFFD1C0D5)
YUV	199.4770, 6.6668, 8.3517
Hunter-Lab	74.8716, 5.2408, -3.6224

Details

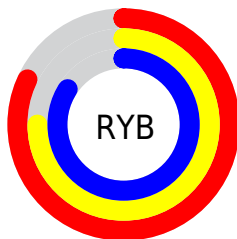
The YIQ color $199.4770, 3.3910, 10.1350$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $205.5230, -3.3910, -10.1350$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $145.9500, 3.4370, 9.3010$ is the 20% darker color. If you saturate the color by 10%, you get $185.9540, 6.7820, 20.2700$, and if you desaturate by 10%, it is $213.0000, -0.0000, 0.0000$.

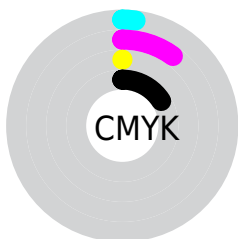
Distribution



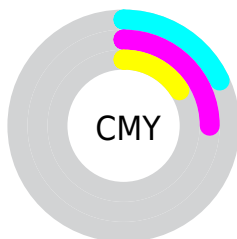
- Red (82%)
- Green (75%)
- Blue (84%)



- Red (82%)
- Yellow (75%)
- Blue (84%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4770, 3.3910, 10.1350 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 199.4770, 3.3910, 10.1350 by changing the saturation by 10% instead.

■ 199.4770, 3.3910,
10.1350

■ 199.4770, 3.3910,
10.1350

255.0000, -0.0000,
-0.0000

■ 172.0640, 3.1160,
9.6120

■ 250.8910, 1.9250,
3.6610

■ 145.9500, 3.4370,
9.3010

■ 119.9500, 3.4370,
9.3010

■ 95.2380, 2.5660,
8.5660

■ 71.2380, 2.5660,
8.5660

■ 48.8250, 2.2910,
8.0430

■ 27.7110, 2.6120,

7.7320

■ 5.5260, 1.6950,
7.8310

■ 0.0000, 0.0000,
0.0000

■ 199.4770, 3.3910,
10.1350

■ 199.4770, 3.3910,
10.1350

■ 185.9540, 6.7820,
20.2700

■ 213.0000, -0.0000,
0.0000

■ 171.8440, 10.4480,
30.9280

■ 227.1100, -3.6660,
-10.6580

■ 158.3210, 13.8390,
41.0630

■ 240.0460, -6.7820,
-20.2700

■ 144.7980, 17.2300,
51.1980

■ 241.2420, -4.3980,
-19.4220

130.6880, 20.8960,
61.8560

242.4380, -2.0140,
-18.5740

117.1650, 24.2870,
71.9910

243.6340, 0.3700,
-17.7260

103.6420, 27.6780,
82.1260

244.8300, 2.7540,
-16.8780

90.1190, 31.0690,
92.2610

246.0260, 5.1380,
-16.0300

76.0090, 34.7350,
102.9190

247.2220, 7.5220,
-15.1820

Harmonies

Analogous

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



198.4370, -8.3000, 7.2520



199.4770, 3.3910, 10.1350



200.0390, 13.4320, 9.8800

Triad

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



199.4770, 3.3910, 10.1350



197.3900, 16.2770, -3.1390



193.0510, -22.3730, -7.5330

Complementary

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



199.4770, 3.3910, 10.1350



205.5230, -3.3910, -10.1350

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.



193.4770, -14.9450, -9.9930



199.4770, 3.3910, 10.1350



196.2640, 7.7040, -7.4640

Square

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



199.4770, 3.3910, 10.1350



199.0040, 20.5400, 2.2040



194.6370, -3.7120, -9.8240



194.5010, -23.5200, -3.2640

Rectangle

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



199.4770, 3.3910, 10.1350



199.7360, 18.6590, 8.7630



194.6370, -3.7120, -9.8240



193.7800, -20.1720, -8.8760

Sweetspot

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



199.4770, 3.3910, 10.1350



250.0050, 1.6040, 3.9720



196.7420, -7.8410, 4.4390



124.1790, 1.0540, 2.9260



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.



199.4770, 3.3910, 10.1350



235.0090, 4.9490, 14.9410



199.9890, 7.7010, 9.1170



99.9450, 1.8330, 5.3290



60.7560, 27.3570, 82.4370



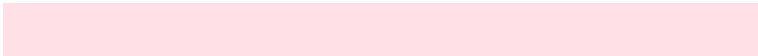
15.3670, 7.0570, 20.7930

Inverse Universe

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



198.7350, 11.2320, 5.6960



233.9530, 16.5500, 8.4380



205.0110, -7.7010, -9.1170



99.5170, 5.9140, 2.9540



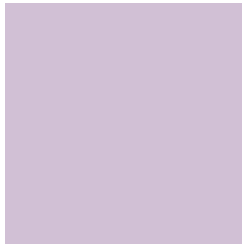
54.7770, 91.6440, 46.2040



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 199.4770, 3.3910, 10.1350 looks on a white background.

Color Contrast Check

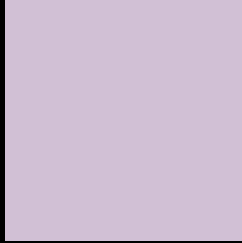
Large Text (above 18pt) WCAG AA × Fail

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 199.4770, 3.3910, 10.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

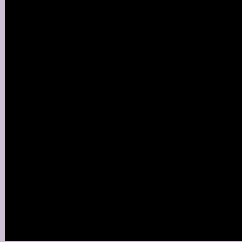
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4770, 3.3910, 10.1350

Background



This preview shows how black text looks on a background with the YIQ color 199.4770, 3.3910, 10.1350.



This preview shows how white text looks on a background with the YIQ color 199.4770, 3.3910,

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

199.4770, 3.3910, 10.1350

Protanopia

198.2800, -6.4200, 6.2200

Deuteranopia

199.4770, 3.3910, 10.1350



Tritanopia

199.1950, 4.1250, 7.8450

Trichromacy



Original Color

199.4770, 3.3910, 10.1350

Protanomaly

199.0740, -2.8440, 7.4920

Deuteranomaly

199.4770, 3.3910, 10.1350

Tritanomaly

199.4230, 3.4830, 8.4670

Monochromacy



Original Color

199.4770, 3.3910, 10.1350

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4770, 3.3910, 10.1350 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(209, 192, 213)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 213)  
}
```

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(209, 192, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 213) }
```

Border

The CSS property to change the border of an element to YIQ 199.4770, 3.3910, 10.1350 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(209, 192, 213) }
```


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

```
.border{ border-color:rgb(209, 192, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 213);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4770, 3.3910, 10.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 213) }
```

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

```
.background{ background-color: rgb(209,  
192, 213) }
```

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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