

Converting Colors

YIQ(158.0180, 19.0660, 39.9460)

Have a look what the booklet for
YIQ(158.0180, 19.0660, 39.9460)
contains.

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Color

**YIQ(158.0180, 19.0660,
39.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	C97FCD
RGB	201, 127, 205
RGB Percent	79%, 50%, 80%
CMY	0.2115, 0.5021, 0.1961
CMYK	0.02, 0.38, 0.00, 0.20
HSL	297°, 44%, 65%
HSV	297°, 38%, 80%
XYZ	42.7081, 32.0042, 61.6865
YIQ	158.0180, 19.0660, 39.9460

Conversions

Conversions Part 2

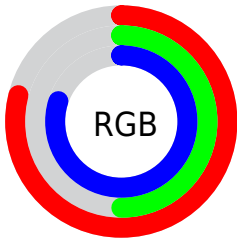
Format	Color
RYB	201, 127, 205
Decimal	13205453
CIELab	63.35, 40.96, -28.69
CIELCh	63, 50.003, 324.992
Yxy	32.0042, 0.3131, 0.2346
Android (android.graphics.Color)	4291395533 (0xFFC97FCD)
YUV	158.0180, 23.1621, 37.6952
Hunter-Lab	56.5722, 35.7536, -25.0494

Details

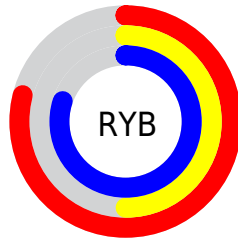
The YIQ color **158.0180, 19.0660, 39.9460** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **173.9820, -19.0660, -39.9460**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5620, 20.3500, 38.7020**, and **105.3660, 17.9660, 37.8540** is the 20% darker color. If you saturate the color by 10%, you get **145.3920, 24.2450, 50.7170**, and if you desaturate by 10%, it is **170.0570, 14.1620, 29.6980**.

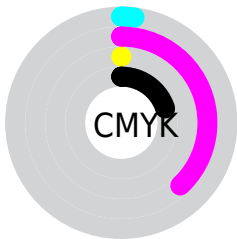
Distribution



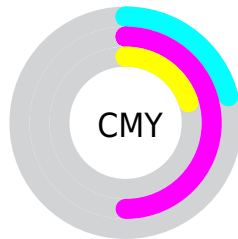
- Red (79%)
- Green (50%)
- Blue (80%)



- Red (79%)
- Yellow (50%)
- Blue (80%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0180, 19.0660, 39.9460 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 158.0180, 19.0660, 39.9460 by changing the saturation by 10% instead.

158.0180, 19.0660,
39.9460

158.0180, 19.0660,
39.9460

255.0000, -0.0000,
-0.0000

131.1920, 18.5160,
38.9000

211.5620, 20.3500,
38.7020

105.4800, 17.6450,
38.1650

227.9980, 12.6500,
24.0580

79.0670, 17.3700,
37.6420

245.0210, 4.6750,
8.8910

53.7680, 16.7740,
37.4300

28.8820, 16.4530,
37.7410

19.0840, 9.5320,
25.5000

7.0080, -2.4780,

11.8740

■ 0.0000, 0.0000,
0.0000

■ 158.0180, 19.0660,
39.9460

■ 158.0180, 19.0660,
39.9460

■ 145.3920, 24.2450,
50.7170

■ 170.0570, 14.1620,
29.6980

■ 133.3530, 29.1490,
60.9650

■ 182.6830, 8.9830,
18.9270

■ 120.7270, 34.3280,
71.7360

■ 194.7220, 4.0790,
8.6790

■ 108.6880, 39.2320,
81.9840

■ 207.3480, -1.1000,
-2.0920

■ 96.0620, 44.4110,
92.7550

■ 219.3870, -6.0040,
-12.3400

■ 84.0230, 49.3150,
103.0030

■ 232.0130,
-11.1830, -23.1110

■ 81.6750, 50.4150,
105.0950

■ 235.2470,
-11.9620, -25.5140

■ 235.5460,
-11.3660, -25.3020

■ 235.8450,
-10.7700, -25.0900

Harmonies

Analogous

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



154.8470, -29.1650, 27.4670



158.0180, 19.0660, 39.9460



155.7430, 53.4530, 38.9970

Triad

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



158.0180, 19.0660, 39.9460



149.1450, 49.9790, -19.2130



124.3850, -109.1150, -32.4350

Complementary

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



158.0180, 19.0660, 39.9460



173.9820, -19.0660, -39.9460

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.



119.1410, -94.3490, -46.7410



158.0180, 19.0660, 39.9460



145.4180, 17.9330, -33.1630

Square

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



158.0180, 19.0660, 39.9460



151.9000, 67.6270, 2.3710



137.7900, -27.2730, -39.8890



126.0270, -119.2500, -19.4580

Rectangle

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



158.0180, 19.0660, 39.9460



153.5300, 66.9340, 31.4620



137.7900, -27.2730, -39.8890



123.2620, -104.5750, -37.6230

Sweetspot

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



158.0180, 19.0660, 39.9460



238.2650, 7.1040, 14.4320



138.8270, -26.4130, 21.6430



117.7220, 4.0790, 8.6790



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.



158.0180, 19.0660, 39.9460



184.5270, 28.5990, 59.9190



155.3380, 32.3640, 30.2200



95.8310, 2.1540, 5.0180



65.8670, 40.2860, 84.9100



15.0960, 9.2580, 19.4500

Inverse Universe

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



150.7780, 45.2040, 17.7800



173.6670, 67.8060, 26.6700



176.6620, -32.3640, -30.2200



94.9900, 5.9600, 2.1200



50.5460, 96.3680, 37.6800



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 158.0180, 19.0660, 39.9460 looks on a white background.

Color Contrast Check

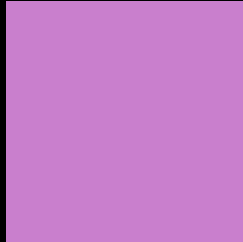
Large Text (above 18pt) WCAG AA × Fail

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 158.0180, 19.0660, 39.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

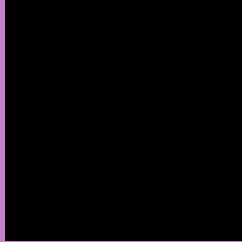
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.0180, 19.0660, 39.9460

Background



This preview shows how black text looks on a background with the YIQ color 158.0180, 19.0660, 39.9460.



This preview shows how white text looks on a background with the YIQ color 158.0180, 19.0660,

39.9460.

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

158.0180, 19.0660, 39.9460

Protanopia

153.0430, -35.9490, 18.2510

Deuteranopia

154.3080, -20.8180, 13.8540



Tritanopia

156.5850, 29.5700, 14.7700

Trichromacy



Original Color

158.0180, 19.0660, 39.9460



Protanomaly

154.7360, -15.7310, 26.2930



Deuteranomaly

155.4180, -6.1480, 23.3240



Tritanomaly

157.4140, 26.0380, 23.7180

Monochromacy



Original Color

158.0180, 19.0660, 39.9460



Achromatopsia

158.0000, -0.0000, 0.0000



Achromatomaly

158.2650, 7.1040, 14.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0180, 19.0660, 39.9460 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(201, 127, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 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(201, 127, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 205) }
```

Border

The CSS property to change the border of an element to YIQ 158.0180, 19.0660, 39.9460 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(201, 127, 205) }
```


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

```
.border{ border-color:rgb(201, 127, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0180, 19.0660, 39.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 205) }
```

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

```
.background{ background-color: rgb(201,  
127, 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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