

Converting Colors

YIQ(158.8560, 19.3420, 34.9420)

Have a look what the booklet for
YIQ(158.8560, 19.3420, 34.9420)
contains.

YIQ(158.8560, 19.3420, 34.9420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(158.8560, 19.3420,
34.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	C783C5
RGB	199, 131, 197
RGB Percent	78%, 51%, 77%
CMY	0.2194, 0.4864, 0.2274
CMYK	0.00, 0.34, 0.01, 0.22
HSL	302°, 38%, 65%
HSV	302°, 34%, 78%
XYZ	41.7582, 32.4057, 56.8813
YIQ	158.8560, 19.3420, 34.9420

Conversions

Conversions Part 2

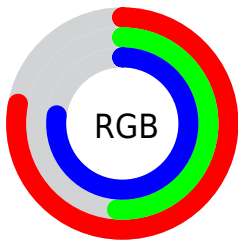
Format	Color
R_{YB}	199, 131, 197
Decimal	13075397
CIE _{Lab}	63.68, 36.67, -23.70
CIE _{LCh}	64, 43.665, 327.123
Yxy	32.4057, 0.3187, 0.2473
Android (android.graphics.Color)	4291265477 (0xFFC783C5)
YUV	158.8560, 18.8050, 35.2063
Hunter-Lab	56.9260, 31.3186, -19.3952

Details

The YIQ color $158.8560, 19.3420, 34.9420$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $171.1440, -19.3420, -34.9420$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $213.7960, 19.5710, 36.2990$, and $106.3180, 17.9210, 33.1610$ is the 20% darker color. If you saturate the color by 10%, you get $147.0020, 25.1630, 45.0910$, and if you desaturate by 10%, it is $170.7100, 13.5210, 24.7930$.

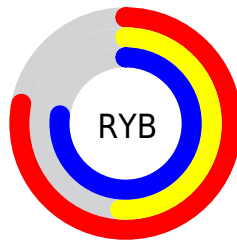
Distribution



Red (78%)

Green (51%)

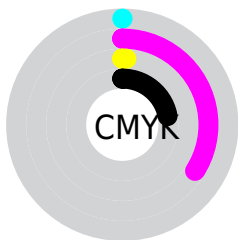
Blue (77%)



Red (78%)

Yellow (51%)

Blue (77%)

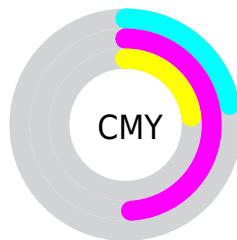


Cyan (0%)

Magenta (34%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.8560, 19.3420, 34.9420 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 158.8560, 19.3420, 34.9420 by changing the saturation by 10% instead.

158.8560, 19.3420,
34.9420

158.8560, 19.3420,
34.9420

255.0000, -0.0000,
-0.0000

132.1440, 18.4710,
34.2070

213.7960, 19.5710,
36.2990

106.3180, 17.9210,
33.1610

230.3460, 11.5500,
21.9660

80.6060, 17.0500,
32.4260

247.3690, 3.5750,
6.7990

56.1930, 16.7750,
31.9030

29.6600, 16.9580,
34.0940

18.4000, 11.4580,
23.6340

5.8400, -2.0650,

9.8950

0.0000, 0.0000,
0.0000

158.8560, 19.3420,
34.9420

158.8560, 19.3420,
34.9420

147.0020, 25.1630,
45.0910

170.7100, 13.5210,
24.7930

135.2620, 30.6630,
55.5510

182.4500, 8.0210,
14.3330

123.4080, 36.4840,
65.7000

194.3040, 2.2000,
4.1840

111.6680, 41.9840,
76.1600

206.0440, -3.3000,
-6.2760

99.8140, 47.8050,
86.3090

217.8980, -9.1210,
-16.4250

■ 88.5470, 53.3510,
95.9350

■ 229.1650,
-14.6670, -26.0510

■ 81.5030, 56.6510,
102.2110

■ 232.1000,
-16.0420, -28.6660

■ 232.2140,
-16.3630, -28.3550

Harmonies

Analogous

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



156.6860, -21.4620, 25.5300



158.8560, 19.3420, 34.9420



156.8300, 48.5940, 33.4420

Triad

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



158.8560, 19.3420, 34.9420



151.3060, 42.2760, -17.2760



123.5700, -108.1980, -32.5340

Complementary

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



158.8560, 19.3420, 34.9420



171.1440, -19.3420, -34.9420

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.



119.1240, -95.6790, -44.6630



158.8560, 19.3420, 34.9420



147.6010, 13.1640, -29.3320

Square

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



158.8560, 19.3420, 34.9420



153.7680, 59.1910, 1.0710



140.7350, -25.4400, -34.5600



124.1690, -116.7740, -20.2780

Rectangle

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



158.8560, 19.3420, 34.9420



155.5350, 59.3700, 25.3700



140.7350, -25.4400, -34.5600



122.2020, -104.3460, -36.2660

Sweetspot

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



158.8560, 19.3420, 34.9420



240.2110, 7.1960, 12.7640



139.0510, -21.2320, 21.3600



118.4940, 4.7210, 8.0570



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.



158.8560, 19.3420, 34.9420



193.0230, 29.8380, 53.9820



155.0940, 29.9350, 24.6790



93.7170, 2.4750, 4.7070



66.7490, 46.4300, 83.6940



14.7540, 10.2210, 18.5170

Inverse Universe

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



158.8560, 19.3420, 34.9420



193.0230, 29.8380, 53.9820



174.9060, -29.9350, -24.6790



93.7170, 2.4750, 4.7070



66.7490, 46.4300, 83.6940



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 158.8560, 19.3420, 34.9420 looks on a white background.

Color Contrast Check

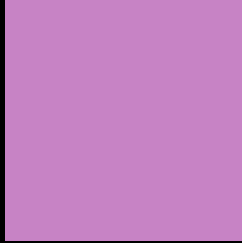
Large Text (above 18pt) WCAG AA × Fail

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 158.8560, 19.3420, 34.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

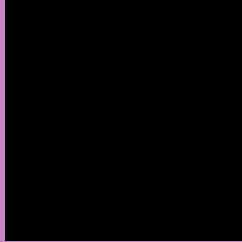
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.8560, 19.3420, 34.9420

Background



This preview shows how black text looks on a background with the YIQ color 158.8560, 19.3420, 34.9420.



This preview shows how white text looks on a background with the YIQ color 158.8560, 19.3420,

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

158.8560, 19.3420, 34.9420

Protanopia

155.0560, -28.7960, 15.2680

Deuteranopia

156.0760, -14.3530, 12.3270



Tritanopia

157.1010, 28.0570, 14.6570

Trichromacy



Original Color

158.8560, 19.3420, 34.9420

Protanomaly

156.5530, -10.9620, 22.4620

Deuteranomaly

156.8760, -1.7460, 20.6380

Tritanomaly

157.8760, 24.6170, 21.9370

Monochromacy



Original Color

158.8560, 19.3420, 34.9420

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2110, 7.1960, 12.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8560, 19.3420, 34.9420 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(199, 131, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 131, 197)  
}
```

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(199, 131, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 131, 197) }
```

Border

The CSS property to change the border of an element to YIQ 158.8560, 19.3420, 34.9420 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(199, 131, 197) }
```


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

```
.border{ border-color:rgb(199, 131, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 131, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 131, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 131, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 131,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 158.8560, 19.3420, 34.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 131, 197) }
```

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

```
.background{ background-color: rgb(199,  
131, 197) }
```

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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