

Converting Colors

YIQ(159.6600, 16.9580, 34.0940)

Have a look what the booklet for
YIQ(159.6600, 16.9580, 34.0940)
contains.

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Color

**YIQ(159.6600, 16.9580,
34.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	C585C7
RGB	197, 133, 199
RGB Percent	77%, 52%, 78%
CMY	0.2273, 0.4785, 0.2196
CMYK	0.01, 0.33, 0.00, 0.22
HSL	298°, 37%, 65%
HSV	298°, 33%, 78%
XYZ	41.7320, 32.7684, 58.1608
YIQ	159.6600, 16.9580, 34.0940

Conversions

Conversions Part 2

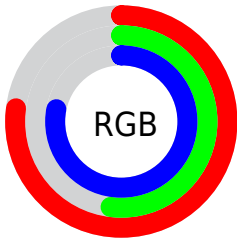
Format	Color
R _Y B	197, 133, 199
Decimal	12944839
CIE Lab	63.97, 35.32, -24.39
CIE LCh	64, 42.920, 325.368
Yxy	32.7684, 0.3146, 0.2470
Android (android.graphics.Color)	4291134919 (0xFFC585C7)
YUV	159.6600, 19.3946, 32.7472
Hunter-Lab	57.2437, 29.9542, -20.1692

Details

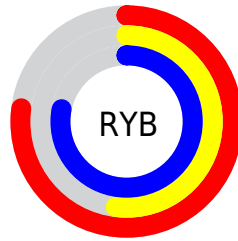
The YIQ color $159.6600, 16.9580, 34.0940$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $172.3400, -16.9580, -34.0940$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $215.0840, 18.7000, 35.5640$, and $107.1220, 15.5370, 32.3130$ is the 20% darker color. If you saturate the color by 10%, you get $147.6210, 21.8620, 44.3420$, and if you desaturate by 10%, it is $171.6990, 12.0540, 23.8460$.

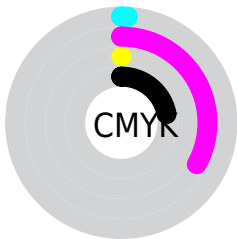
Distribution



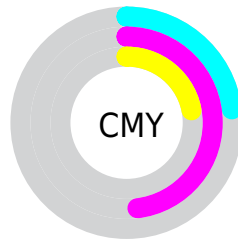
- Red (77%)
- Green (52%)
- Blue (78%)



- Red (77%)
- Yellow (52%)
- Blue (78%)



- Cyan (1%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.6600, 16.9580, 34.0940 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 159.6600, 16.9580, 34.0940 by changing the saturation by 10% instead.

159.6600, 16.9580,
34.0940

159.6600, 16.9580,
34.0940

255.0000, -0.0000,
-0.0000

132.9480, 16.0870,
33.3590

215.0840, 18.7000,
35.5640

107.1220, 15.5370,
32.3130

231.5200, 11.0000,
20.9200

81.7090, 15.2620,
31.7900

248.5430, 3.0250,
5.7530

56.9970, 14.3910,
31.0550

31.5240, 14.3450,
31.8890

18.0300, 9.6240,
23.8320

5.3560, -3.5780,

9.7820

0.0000, 0.0000,
0.0000

159.6600, 16.9580,
34.0940

159.6600, 16.9580,
34.0940

147.6210, 21.8620,
44.3420

171.6990, 12.0540,
23.8460

135.8810, 27.3620,
54.8020

183.4390, 6.5540,
13.3860

123.8420, 32.2660,
65.0500

195.4780, 1.6500,
3.1380

112.1020, 37.7660,
75.5100

207.2180, -3.8500,
-7.3220

100.0630, 42.6700,
85.7580

218.6700, -8.4790,
-17.0470

■ 88.9100, 47.8950,
95.6950

■ 230.7090,
-13.3830, -27.2950

■ 80.3930, 51.1490,
102.8050

■ 232.4700,
-14.2080, -28.8640

■ 232.7690,
-13.6120, -28.6520

Harmonies

Analogous

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



156.3760, -23.5250, 24.3710



159.6600, 16.9580, 34.0940



158.0470, 46.4850, 33.1170

Triad

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



159.6600, 16.9580, 34.0940



152.4310, 43.4220, -16.0180



123.4560, -107.8770, -32.8450

Complementary

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



159.6600, 16.9580, 34.0940



172.3400, -16.9580, -34.0940

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.



126.4850, -80.4580, -39.6740



159.6600, 16.9580, 34.0940



148.9110, 15.2270, -28.1730

Square

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



159.6600, 16.9580, 34.0940



154.7080, 59.4200, 2.4280



142.8170, -22.7350, -34.0230



124.5280, -116.4070, -21.4230

Rectangle

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



159.6600, 16.9580, 34.0940



156.5780, 57.8110, 26.0910



142.8170, -22.7350, -34.0230



122.5610, -103.9790, -37.4110

Sweetspot

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



159.6600, 16.9580, 34.0940



240.0260, 6.2790, 12.8630



141.6980, -21.7360, 19.4800



118.3090, 3.8040, 8.1560



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.



159.6600, 16.9580, 34.0940



194.2290, 26.2620, 52.7100



156.7240, 28.1010, 24.8770



93.7170, 2.4750, 4.7070



65.8240, 41.8450, 84.1890



14.5690, 9.3040, 18.6160

Inverse Universe

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



152.9620, 38.6940, 14.6140



183.8400, 59.8290, 22.5570



175.2760, -28.1010, -24.8770



92.6910, 5.3640, 1.9080



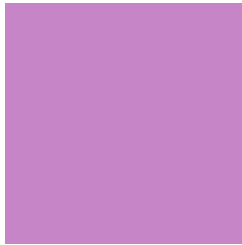
49.3070, 95.5430, 36.1110



10.8780, 21.1350, 7.9430

Previews

White Background



This preview shows how the YIQ color 159.6600, 16.9580, 34.0940 looks on a white background.

Color Contrast Check

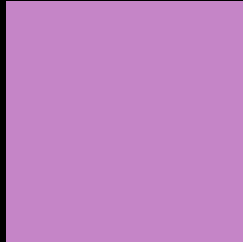
Large Text (above 18pt) WCAG AA × Fail

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 159.6600, 16.9580, 34.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

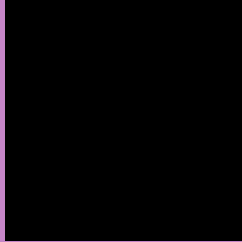
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.6600, 16.9580, 34.0940

Background



This preview shows how black text looks on a background with the YIQ color 159.6600, 16.9580, 34.0940.



This preview shows how white text looks on a background with the YIQ color 159.6600, 16.9580,

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

159.6600, 16.9580, 34.0940

Protanopia

155.1700, -29.1170, 15.5790

Deuteranopia

156.3040, -14.9950, 12.9490



Tritanopia

157.9050, 25.6730, 13.8090

Trichromacy



Original Color

159.6600, 16.9580, 34.0940



Protanomaly

157.0690, -12.4750, 22.3490



Deuteranomaly

157.3920, -3.2590, 20.5250



Tritanomaly

158.6800, 22.2330, 21.0890

Monochromacy



Original Color

159.6600, 16.9580, 34.0940



Achromatopsia

160.0000, 0.0000, -0.0000



Achromatomaly

159.6130, 6.0040, 12.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.6600, 16.9580, 34.0940 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(197, 133, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 133, 199)  
}
```

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(197, 133, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 133, 199) }
```

Border

The CSS property to change the border of an element to YIQ 159.6600, 16.9580, 34.0940 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(197, 133, 199) }
```


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

```
.border{ border-color:rgb(197, 133, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 133, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 133, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 133, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 133,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 159.6600, 16.9580, 34.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 133, 199) }
```

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

```
.background{ background-color: rgb(197,  
133, 199) }
```

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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