

Converting Colors

YIQ(157.0670, 17.3700, 37.6420)

Have a look what the booklet for
YIQ(157.0670, 17.3700, 37.6420)
contains.

YIQ(157.0670, 17.3700, 37.6420)	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(157.0670, 17.3700,
37.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	C580CA
RGB	197, 128, 202
RGB Percent	77%, 50%, 79%
CMY	0.2272, 0.4981, 0.2078
CMYK	0.02, 0.37, 0.00, 0.21
HSL	296°, 41%, 65%
HSV	296°, 37%, 79%
XYZ	41.4164, 31.5728, 59.7902
YIQ	157.0670, 17.3700, 37.6420

Conversions

Conversions Part 2

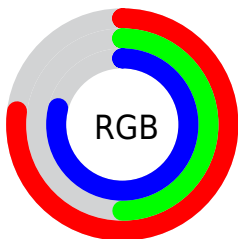
Format	Color
R _Y B	197, 128, 202
Decimal	12943562
CIE Lab	62.99, 38.60, -27.59
CIE LCh	63, 47.446, 324.443
Yxy	31.5728, 0.3119, 0.2378
Android (android.graphics.Color)	4291133642 (0xFFC580CA)
YUV	157.0670, 22.1520, 35.0212
Hunter-Lab	56.1897, 33.2373, -23.7564

Details

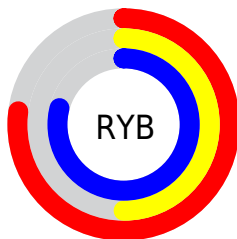
The YIQ color **157.0670, 17.3700, 37.6420** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.9330, -17.3700, -37.6420**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.1490, 20.0750, 38.1790**, and **104.5290, 15.9490, 35.8610** is the 20% darker color. If you saturate the color by 10%, you get **145.0280, 22.2740, 47.8900**, and if you desaturate by 10%, it is **169.1060, 12.4660, 27.3940**.

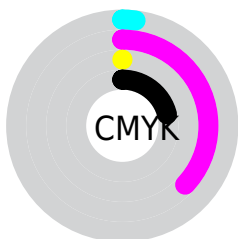
Distribution



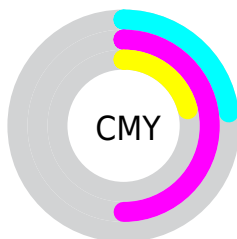
- Red (77%)
- Green (50%)
- Blue (79%)



- Red (77%)
- Yellow (50%)
- Blue (79%)



- Cyan (2%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.0670, 17.3700, 37.6420 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 157.0670, 17.3700, 37.6420 by changing the saturation by 10% instead.

157.0670, 17.3700,
37.6420

157.0670, 17.3700,
37.6420

255.0000, -0.0000,
-0.0000

130.2410, 16.8200,
36.5960

212.1490, 20.0750,
38.1790

104.5290, 15.9490,
35.8610

228.5850, 12.3750,
23.5350

78.8170, 15.0780,
35.1260

245.6080, 4.4000,
8.3680

53.8170, 15.0780,
35.1260

27.7570, 15.3070,
36.4830

18.2580, 8.9820,
24.4540

4.3880, -6.6040,

9.5560

■ 0.0000, 0.0000,
0.0000

■ 157.0670, 17.3700,
37.6420

■ 157.0670, 17.3700,
37.6420

■ 145.0280, 22.2740,
47.8900

■ 169.1060, 12.4660,
27.3940

■ 132.6900, 26.5820,
57.9260

■ 181.4440, 8.1580,
17.3580

■ 120.0640, 31.7610,
68.6970

■ 194.0700, 2.9790,
6.5870

■ 108.0250, 36.6650,
78.9450

■ 206.1090, -1.9250,
-3.6610

■ 95.6870, 40.9730,
88.9810

■ 218.4470, -6.2330,
-13.6970

83.6480, 45.8770,
99.2290

230.4860,
-11.1370, -23.9450

79.5390, 47.8020,
102.8900

234.6060,
-11.5950, -26.6590

234.9050,
-10.9990, -26.4470

235.2040,
-10.4030, -26.2350

Harmonies

Analogous

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



153.3910, -27.8810, 26.2230



157.0670, 17.3700, 37.6420



154.7210, 50.5190, 37.1030

Triad

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



157.0670, 17.3700, 37.6420



148.8290, 48.0530, -17.3470



122.7550, -107.2810, -32.6330

Complementary

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



157.0670, 17.3700, 37.6420



172.9330, -17.3700, -37.6420

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.



117.8530, -93.4780, -46.0060



157.0670, 17.3700, 37.6420



144.8850, 18.1160, -30.9720

Square

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



157.0670, 17.3700, 37.6420



151.4590, 64.5550, 2.9790



137.9260, -24.6600, -37.6840



124.2830, -117.0950, -19.9670

Rectangle

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



157.0670, 17.3700, 37.6420



153.3230, 63.0830, 29.6670



137.9260, -24.6600, -37.6840



121.7460, -103.0620, -37.5100

Sweetspot

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



157.0670, 17.3700, 37.6420



237.9660, 6.5080, 14.2200



139.9580, -25.4040, 19.8760



117.4230, 3.4830, 8.4670



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.



157.0670, 17.3700, 37.6420



186.8640, 26.0320, 56.8800



155.0280, 30.3010, 29.0610



95.8310, 2.1540, 5.0180



65.2690, 39.0940, 84.4860



15.0960, 9.2580, 19.4500

Inverse Universe

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



150.6960, 42.4990, 17.2430



177.2860, 64.5050, 25.9210



174.9720, -30.3010, -29.0610



94.9900, 5.9600, 2.1200



50.8880, 95.4050, 38.6130



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 157.0670, 17.3700, 37.6420 looks on a white background.

Color Contrast Check

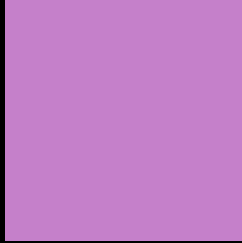
Large Text (above 18pt) WCAG AA × Fail

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 157.0670, 17.3700, 37.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

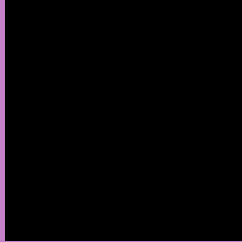
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.0670, 17.3700, 37.6420

Background



This preview shows how black text looks on a background with the YIQ color 157.0670, 17.3700, 37.6420.



This preview shows how white text looks on a background with the YIQ color 157.0670, 17.3700,

37.6420.

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

157.0670, 17.3700, 37.6420

Protanopia

152.1850, -33.4730, 17.4310

Deuteranopia

153.3790, -19.5800, 13.4440



Tritanopia

155.3890, 27.1860, 13.9220

Trichromacy



Original Color

157.0670, 17.3700, 37.6420

Protanomaly

153.9810, -15.0430, 24.8370

Deuteranomaly

154.7770, -5.7810, 22.1790

Tritanomaly

156.1040, 23.9750, 22.5590

Monochromacy



Original Color

157.0670, 17.3700, 37.6420

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.8520, 6.8290, 13.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.0670, 17.3700, 37.6420 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, 128, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 128, 202)  
}
```

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, 128, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 128, 202) }
```

Border

The CSS property to change the border of an element to YIQ 157.0670, 17.3700, 37.6420 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, 128, 202) }
```


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

```
.border{ border-color:rgb(197, 128, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 128, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 128, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 128, 202); box-shadow:4px 4px 4px 4px rgb(197, 128, 202) }
```

Background

The CSS property to change the background color of an element to YIQ 157.0670, 17.3700, 37.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 128, 202) }
```

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

```
.background{ background-color: rgb(197,  
128, 202) }
```

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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