

Converting Colors

YIQ(157.6990, 38.4170, 25.1450)

Have a look what the booklet for
YIQ(157.6990, 38.4170, 25.1450)
contains.

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Color

**YIQ(157.6990, 38.4170,
25.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	D2839E
RGB	210, 131, 158
RGB Percent	82%, 51%, 62%
CMY	0.1763, 0.4864, 0.3803
CMYK	0.00, 0.38, 0.25, 0.18
HSL	339°, 47%, 67%
HSV	339°, 38%, 82%
XYZ	40.8795, 32.4028, 36.4627
YIQ	157.6990, 38.4170, 25.1450

Conversions

Conversions Part 2

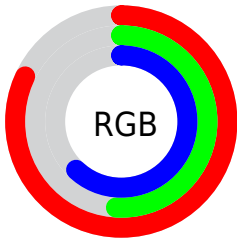
Format	Color
R _Y B	210, 131, 158
Decimal	13796254
CIE Lab	63.67, 34.00, -1.52
CIE LCh	64, 34.030, 357.446
Yxy	32.4028, 0.3725, 0.2953
Android (android.graphics.Color)	4291986334 (0xFFD2839E)
YUV	157.6990, 0.1484, 45.8680
Hunter-Lab	56.9234, 28.5736, 1.8678

Details

The YIQ color **157.6990, 38.4170, 25.1450** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.3010, -38.4170, -25.1450**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1220, 32.7320, 23.5480**, and **105.2040, 35.4370, 24.0850** is the 20% darker color. If you saturate the color by 10%, you get **143.7760, 48.6860, 31.7740**, and if you desaturate by 10%, it is **171.6220, 28.1480, 18.5160**.

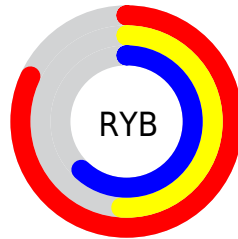
Distribution



Red (82%)

Green (51%)

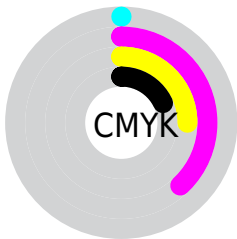
Blue (62%)



Red (82%)

Yellow (51%)

Blue (62%)

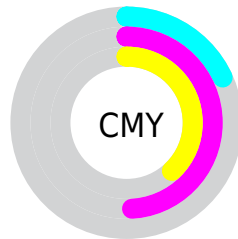


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.6990, 38.4170, 25.1450 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 157.6990, 38.4170, 25.1450 by changing the saturation by 10% instead.


 157.6990, 38.4170,
25.1450


 157.6990, 38.4170,
25.1450


255.0000, -0.0000,
-0.0000

 131.1010, 37.2250,
24.7210


 209.1220, 32.7320,
23.5480


 105.2040, 35.4370,
24.0850


 228.7500, 16.0440,
17.6120

 79.7200, 33.9240,
23.9720

 247.3690, 3.5750,
6.7990

 54.9370, 31.8150,
23.6470

 28.2190, 31.0810,
25.9370

 16.8880, 24.3430,
15.8870

 4.7840, 9.5360,

3.3920

0.0000, 0.0000,
0.0000

157.6990, 38.4170,
25.1450

157.6990, 38.4170,
25.1450

143.7760, 48.6860,
31.7740

171.6220, 28.1480,
18.5160

129.8530, 58.9550,
38.4030

185.5450, 17.8790,
11.8870

116.0440, 68.9030,
45.3430

199.3540, 7.9310,
4.9470

102.1210, 79.1720,
51.9720

213.2770, -2.3380,
-1.6820

88.1980, 89.4410,
58.6010

227.2000,
-12.6070, -8.3110

■ 74.2750, 99.7100,
65.2300

■ 239.9490,
-22.3260, -13.8940

■ 70.9980, 102.0480,
66.9120

■ 241.5450,
-26.8200, -9.5400

Harmonies

Analogous

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



158.5470, 15.5380, 26.7860



157.6990, 38.4170, 25.1450



156.3500, 49.2850, 15.4050

Triad

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



157.6990, 38.4170, 25.1450



149.4470, 10.9620, -22.4620



137.1430, -78.3540, -11.7140

Complementary

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



157.6990, 38.4170, 25.1450



183.3010, -38.4170, -25.1450

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.



130.5900, -84.5870, -25.4110



157.6990, 38.4170, 25.1450



144.7130, -19.2060, -26.3900

Square

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



157.6990, 38.4170, 25.1450



152.1620, 34.1140, -12.5260



137.8200, -53.1800, -27.4200



148.8360, -48.9680, 6.3920

Rectangle

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



157.6990, 38.4170, 25.1450



155.2540, 49.1950, 6.0190



137.8200, -53.1800, -27.4200



133.1480, -85.9180, -17.8060

Sweetspot

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



157.6990, 38.4170, 25.1450



236.5120, 13.4780, 9.0460



155.2550, 5.0370, 35.3810



116.7670, 8.2060, 5.4700



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.



157.6990, 38.4170, 25.1450



178.9450, 55.7000, 36.8200



161.6650, 43.7840, 10.4720



97.7450, 5.2720, 3.5760



56.8440, 81.5100, 53.6540



13.8550, 19.9420, 13.0460

Inverse Universe

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



157.6990, 38.4170, 25.1450



178.9450, 55.7000, 36.8200



179.3350, -43.7840, -10.4720



97.7450, 5.2720, 3.5760



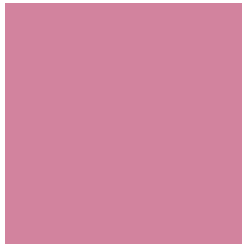
56.8440, 81.5100, 53.6540



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 157.6990, 38.4170, 25.1450 looks on a white background.

Color Contrast Check

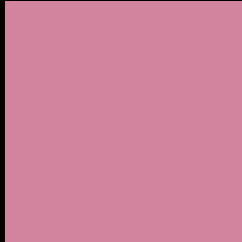
Large Text (above 18pt) WCAG AA × Fail

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 157.6990, 38.4170, 25.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

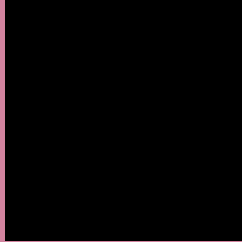
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.6990, 38.4170, 25.1450

Background



This preview shows how black text looks on a background with the YIQ color 157.6990, 38.4170, 25.1450.



This preview shows how white text looks on a background with the YIQ color 157.6990, 38.4170,

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

157.6990, 38.4170, 25.1450

Protanopia

155.4540, -6.9700, 5.1740

Deuteranopia

156.2510, 9.7190, 5.5830



Tritanopia

156.9780, 41.7650, 19.5330

Trichromacy



Original Color

157.6990, 38.4170, 25.1450

Protanomaly

156.4670, 9.3510, 12.2550

Deuteranomaly

156.7410, 20.2630, 12.7350

Tritanomaly

156.9610, 40.4350, 21.6110

Monochromacy



Original Color

157.6990, 38.4170, 25.1450

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8110, 14.0740, 9.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6990, 38.4170, 25.1450 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(210, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(210, 131, 158)  
}
```

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(210, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 131, 158) }
```

Border

The CSS property to change the border of an element to YIQ 157.6990, 38.4170, 25.1450 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(210, 131, 158) }
```


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

```
.border{ border-color:rgb(210, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(210, 131,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6990, 38.4170, 25.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 131, 158) }
```

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

```
.background{ background-color: rgb(210,  
131, 158) }
```

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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