

Converting Colors

YIQ(157.7690, 67.7590, 33.0310)

Have a look what the booklet for
YIQ(157.7690, 67.7590, 33.0310)
contains.

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Color

**YIQ(157.7690, 67.7590,
33.0310)**

Conversions

Conversions Part 1	
Format	Color
Hex	F3768B
RGB	243, 118, 139
RGB Percent	95%, 46%, 55%
CMY	0.0467, 0.5374, 0.4546
CMYK	0.00, 0.51, 0.43, 0.05
HSL	350°, 84%, 71%
HSV	350°, 51%, 95%
XYZ	48.1266, 33.8792, 28.4536
YIQ	157.7690, 67.7590, 33.0310

Conversions

Conversions Part 2

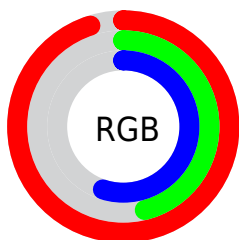
Format	Color
RYB	243, 118, 139
Decimal	15955595
CIELab	64.87, 49.96, 11.56
CIELCh	65, 51.279, 13.027
Yxy	33.8792, 0.4357, 0.3067
Android (android.graphics.Color)	4294145675 (0xFFFF3768B)
YUV	157.7690, -9.2531, 74.7476
Hunter-Lab	58.2059, 45.7297, 11.7606

Details

The YIQ color **157.7690, 67.7590, 33.0310** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **203.2310, -67.7590, -33.0310**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6840, 42.7730, 23.2930**, and **102.4310, 62.8990, 33.0030** is the 20% darker color. If you saturate the color by 10%, you get **141.4010, 80.7790, 39.3630**, and if you desaturate by 10%, it is **174.1370, 54.7390, 26.6990**.

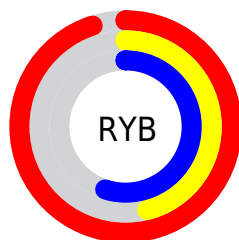
Distribution



Red (95%)

Green (46%)

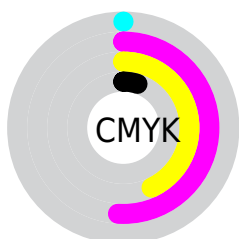
Blue (55%)



Red (95%)

Yellow (46%)

Blue (55%)

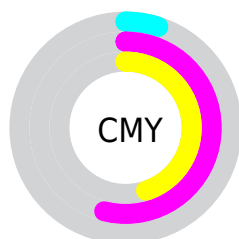


Cyan (0%)

Magenta (51%)

Yellow (43%)

Black (5%)



Cyan (5%)

Magenta (54%)


Yellow (45%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 157.7690, 67.7590, 33.0310 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 157.7690, 67.7590, 33.0310 by changing the saturation by 10% instead.


 157.7690, 67.7590,
33.0310


 157.7690, 67.7590,
33.0310


255.0000, -0.0000,
-0.0000


 130.1000, 65.3290,
33.0170


 199.6840, 42.7730,
23.2930


 102.4310, 62.8990,
33.0030


 219.3120, 26.0850,
17.3570

 74.1150, 60.9730,
34.8690

 239.6410, 8.8010,
11.2090

 42.3910, 60.3760,
40.1840

 31.4400, 49.5120,
27.8160

 20.6310, 41.1240,
14.6280

 12.3730, 24.1150,

9.0030

0.0000, 0.0000,
0.0000

157.7690, 67.7590,
33.0310

157.7690, 67.7590,
33.0310

141.4010, 80.7790,
39.3630

174.1370, 54.7390,
26.6990

124.4460, 94.0740,
46.2180

191.0920, 41.4440,
19.8440

107.9640,
107.4150, 52.2390


207.5740, 28.1030,
13.8230

91.5960, 120.4350,
58.5710

223.9420, 15.0830,
7.4910

77.3310, 131.6670,
64.2670

240.3100, 2.0630,
1.1590

 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



160.8760, 42.9530, 42.0650



157.7690, 67.7590, 33.0310



156.7470, 72.8520, 12.3080

Triad

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



157.7690, 67.7590, 33.0310



144.9680, -7.2830, -38.7310



127.7200, -125.3950, -12.7150

Complementary

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



157.7690, 67.7590, 33.0310



203.2310, -67.7590, -33.0310

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.



129.4520, -119.2490, -24.9850



157.7690, 67.7590, 33.0310



127.5530, -75.1380, -47.9860

Square

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



157.7690, 67.7590, 33.0310



150.7250, 33.2460, -29.8420



125.8380, -106.3170, -39.0930



153.2290, -53.9680, 19.9200

Rectangle

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



157.7690, 67.7590, 33.0310



155.3140, 66.1610, -4.1030



125.8380, -106.3170, -39.0930



128.6830, -123.9730, -16.4610

Sweetspot

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



157.7690, 67.7590, 33.0310



229.0460, 20.7220, 9.9220



162.7480, 20.6670, 60.4990



112.2190, 12.7450, 5.8090



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.



157.7690, 67.7590, 33.0310



147.3200, 85.5010, 41.8930



178.8550, 63.5000, 5.5800



113.8160, 6.5100, 3.1660



59.1480, 100.9050, 49.0730



18.7810, 31.9540, 15.6180

Inverse Universe

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



157.7690, 67.7590, 33.0310



147.3200, 85.5010, 41.8930



182.1450, -63.5000, -5.5800



113.8160, 6.5100, 3.1660



59.1480, 100.9050, 49.0730



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 157.7690, 67.7590, 33.0310 looks on a white background.

Color Contrast Check

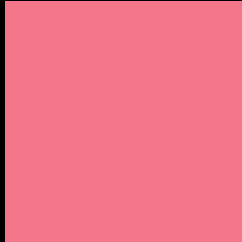
Large Text (above 18pt) WCAG AA × Fail

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 157.7690, 67.7590, 33.0310 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 157.7690, 67.7590, 33.0310

Background



This preview shows how black text looks on a background with the YIQ color 157.7690, 67.7590, 33.0310.



This preview shows how white text looks on a background with the YIQ color 157.7690, 67.7590,

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

157.7690, 67.7590, 33.0310

Protanopia

158.2390, 0.8250, 1.5690

Deuteranopia

158.8040, 23.9790, 0.4510






Tritanopia

157.3900, 70.1440, 28.3520

Trichromacy

	Original Color 157.7690, 67.7590, 33.0310
	Protanomaly 158.0790, 25.1230, 12.7630
	Deuteranomaly 158.5660, 39.7490, 12.0130
	Tritanomaly 157.2590, 69.1350, 30.1190

Monochromacy

	Original Color 157.7690, 67.7590, 33.0310
	Achromatopsia 158.0000, -0.0000, 0.0000
	Achromatomaly 157.6660, 24.8480, 12.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7690, 67.7590, 33.0310 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(243, 118, 139)` looks like.

```
.text, #text, p{  
    color:rgb(243, 118, 139)  
}
```

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(243, 118, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 118, 139) }
```

Border

The CSS property to change the border of an element to YIQ 157.7690, 67.7590, 33.0310 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(243, 118, 139) }
```

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

```
.border{ border-color:rgb(243, 118, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 118, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 118, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 118, 139);  
box-shadow:4px 4px 4px 4px rgb(243, 118,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7690, 67.7590, 33.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 118, 139) }
```

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

```
.background{ background-color: rgb(243,  
118, 139) }
```

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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