

Converting Colors

YIQ(117.1540, 38.8740, 33.3860)

Have a look what the booklet for
YIQ(117.1540, 38.8740, 33.3860)
contains.

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Color

**YIQ(117.1540, 38.8740,
33.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5583
RGB	175, 85, 131
RGB Percent	69%, 33%, 51%
CMY	0.3135, 0.6668, 0.4862
CMYK	0.00, 0.51, 0.25, 0.31
HSL	329°, 36%, 51%
HSV	329°, 51%, 69%
XYZ	25.0374, 17.2517, 23.4938
YIQ	117.1540, 38.8740, 33.3860

Conversions

Conversions Part 2

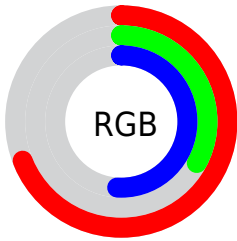
Format	Color
R _Y B	175, 85, 131
Decimal	11490691
CIE Lab	48.58, 42.18, -8.62
CIE LCh	49, 43.048, 348.448
Yxy	17.2517, 0.3806, 0.2623
Android (android.graphics.Color)	4289680771 (0xFFAF5583)
YUV	117.1540, 6.8261, 50.7309
Hunter-Lab	41.5352, 34.9133, -4.4619

Details

The YIQ color **117.1540, 38.8740, 33.3860** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **142.8460, -38.8740, -33.3860**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6490, 41.8540, 34.4460**, and **64.5990, 36.1230, 33.6830** is the 20% darker color. If you saturate the color by 10%, you get **105.5620, 46.7130, 40.0010**, and if you desaturate by 10%, it is **128.1590, 31.3100, 27.2940**.

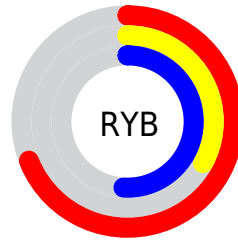
Distribution



Red (69%)

Green (33%)

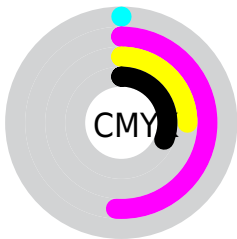
Blue (51%)



Red (69%)

Yellow (33%)

Blue (51%)

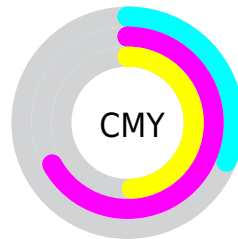


Cyan (0%)

Magenta (51%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (67%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1540, 38.8740, 33.3860 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 117.1540, 38.8740, 33.3860 by changing the saturation by 10% instead.

■ 117.1540, 38.8740,
33.3860

■ 117.1540, 38.8740,
33.3860

■ 255.0000, -0.0000,
-0.0000

■ 90.6700, 37.3610,
33.2730

■ 171.0620, 42.1290,
34.9690

■ 64.5990, 36.1230,
33.6830

■ 197.2680, 38.5530,
33.6970

■ 34.5330, 36.4890,
38.0650

■ 216.3090, 22.1400,
28.2840

■ 24.2510, 28.0550,
25.7110

■ 235.0420, 9.3500,
17.7820

■ 15.2790, 21.6840,
14.5160

■ 252.0650, 1.3750,
2.6150

■ 0.0000, 0.0000,
0.0000

117.1540, 38.8740,
33.3860

117.1540, 38.8740,
33.3860

105.5620, 46.7130,
40.0010

128.1590, 31.3100,
27.2940

94.6710, 53.9560,
46.4040

139.6370, 23.7920,
20.3680

83.0790, 61.7950,
53.0190

150.6420, 16.2280,
14.2760

72.1880, 69.0380,
59.4220

162.1200, 8.7100,
7.3500

62.5850, 75.4100,
65.0900


173.1250, 1.1460,
1.2580

184.6030, -6.3720,
-5.6680

196.1950,
-14.2110, -12.2830

207.0860,

-21.4540, -18.6860

 218.6780,
-29.2930, -25.3010

Harmonies

Analogous

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



119.2890, 7.6970, 31.2250



117.1540, 38.8740, 33.3860



114.7410, 55.7940, 24.0980

Triad

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



117.1540, 38.8740, 33.3860



109.3140, 21.4620, -25.5300



96.1630, -90.2740, -15.9540

Complementary

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



117.1540, 38.8740, 33.3860



142.8460, -38.8740, -33.3860

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.



93.6890, -80.5520, -26.9520



117.1540, 38.8740, 33.3860



103.7750, -13.7490, -31.6770

Square

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



117.1540, 38.8740, 33.3860



112.3220, 45.3470, -12.3570



89.4710, -68.6750, -38.4590



93.4050, -93.5310, -6.4830

Rectangle

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



117.1540, 38.8740, 33.3860



114.2600, 58.2260, 13.0580



89.4710, -68.6750, -38.4590



95.7240, -87.6600, -19.2760

Sweetspot

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



117.1540, 38.8740, 33.3860



205.1040, 14.8070, 12.4950



108.4160, -2.6660, 37.3180



101.5330, 8.9850, 7.8730



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.1540, 38.8740, 33.3860



136.3670, 60.9240, 52.2840



112.0240, 53.3190, 19.3910



81.1470, 4.0800, 3.1520



53.6280, 64.6830, 55.7470



8.2450, 9.8560, 8.6080

Inverse Universe

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



117.1540, 38.8740, 33.3860



136.3670, 60.9240, 52.2840



147.9760, -53.3190, -19.3910



81.1470, 4.0800, 3.1520



53.6280, 64.6830, 55.7470



8.2450, 9.8560, 8.6080

Previews

White Background



This preview shows how the YIQ color 117.1540, 38.8740, 33.3860 looks on a white background.

Color Contrast Check

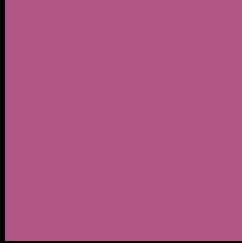
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 117.1540, 38.8740, 33.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

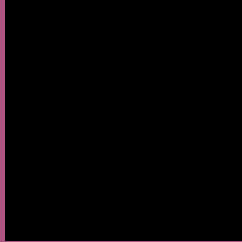
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.1540, 38.8740, 33.3860

Background



This preview shows how black text looks on a background with the YIQ color 117.1540, 38.8740, 33.3860.



This preview shows how white text looks on a background with the YIQ color 117.1540, 38.8740,

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

117.1540, 38.8740, 33.3860

Protanopia

116.4130, -16.9200, 9.2880

Deuteranopia

117.1730, 1.1910, 5.9510



Tritanopia

116.6040, 45.7540, 18.8260

Trichromacy



Original Color

117.1540, 38.8740, 33.3860

Protanomaly

116.6330, 3.2520, 18.1640

Deuteranomaly

117.2120, 14.6230, 15.8310

Tritanomaly

116.5100, 43.3230, 24.3390

Monochromacy



Original Color

117.1540, 38.8740, 33.3860

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8050, 14.2110, 12.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1540, 38.8740, 33.3860 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(175, 85, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 85, 131)  
}
```

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(175, 85, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 85, 131) }
```

Border

The CSS property to change the border of an element to YIQ 117.1540, 38.8740, 33.3860 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(175, 85, 131) }
```


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

```
.border{ border-color:rgb(175, 85, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 85, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 85, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 85, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 85,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1540, 38.8740, 33.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 85, 131) }
```

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

```
.background{ background-color: rgb(175, 85,  
131) }
```

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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