

Converting Colors

YIQ(115.3380, -38.6980, 7.4940)

Have a look what the booklet for
YIQ(115.3380, -38.6980, 7.4940)
contains.

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Color

**YIQ(115.3380, -38.6980,
7.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	5379AB
RGB	83, 121, 171
RGB Percent	33%, 47%, 67%
CMY	0.6746, 0.5254, 0.3296
CMYK	0.51, 0.29, 0.00, 0.33
HSL	214°, 35%, 50%
HSV	214°, 51%, 67%
XYZ	17.7513, 18.4554, 41.1302
YIQ	115.3380, -38.6980, 7.4940

Conversions

Conversions Part 2

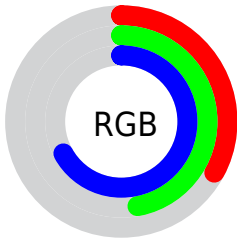
Format	Color
R _Y B	83, 110, 171
Decimal	5470635
CIE Lab	50.04, 1.13, -30.71
CIE LCh	50, 30.728, 272.110
Yxy	18.4554, 0.2295, 0.2386
Android (android.graphics.Color)	4283660715 (0xFF5379AB)
YUV	115.3380, 27.4414, -28.3604
Hunter-Lab	42.9597, -1.4219, -26.6932

Details

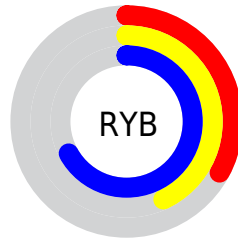
The YIQ color **115.3380, -38.6980, 7.4940** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **138.6620, 38.6980, -7.4940**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3920, -38.7900, 9.1620**, and **63.4790, -43.6490, 3.6070** is the 20% darker color. If you saturate the color by 10%, you get **104.3850, -46.0800, 9.1200**, and if you desaturate by 10%, it is **126.2910, -31.3160, 5.8680**.

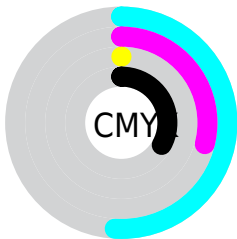
Distribution



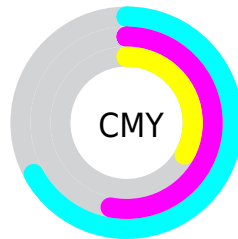
- Red (33%)
- Green (47%)
- Blue (67%)



- Red (33%)
- Yellow (43%)
- Blue (67%)



- Cyan (51%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.3380, -38.6980, 7.4940 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 115.3380, -38.6980, 7.4940 by changing the saturation by 10% instead.

■ 115.3380,
-38.6980, 7.4940

■ 115.3380,
-38.6980, 7.4940

■ 255.0000, -0.0000,
-0.0000

■ 89.2130, -39.8440,
6.2360

■ 168.3920,
-38.7900, 9.1620

■ 63.4790, -43.6490,
3.6070

■ 195.8050,
-38.5150, 9.6850

■ 40.5390, -43.8780,
2.2500

■ 220.6130,
-29.5270, 0.9770

■ 25.5900, -30.7200,
6.0800

■ 245.1330,
-19.6680, -6.9960

■ 7.1190, -15.9120,
13.0480

■ 253.8040, -2.3840,
-0.8480

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 115.3380,
-38.6980, 7.4940

■ 115.3380,
-38.6980, 7.4940

■ 104.3850,
-46.0800, 9.1200

■ 126.2910,
-31.3160, 5.8680

■ 94.0190, -53.7370,
10.2230

■ 136.6570,
-23.6590, 4.7650

■ 83.0660, -61.1190,
11.8490

■ 147.6100,
-16.2770, 3.1390

■ 72.1130, -68.5010,
13.4750

■ 158.5630, -8.8950,
1.5130

■ 62.9320, -75.2410,
14.4790

■ 169.5160, -1.5130,
-0.1130

■ 180.1810, 6.7400,
-1.0040

■ 191.1340, 14.1220,
-2.6300

■ 202.0870, 21.5040,
-4.2560

■ 212.4530, 29.1610,
-5.3590

Harmonies

Analogous

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



102.6170, -70.8810, -9.4810



115.3380, -38.6980, 7.4940



121.4020, -9.2190, 18.4050

Triad

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



115.3380, -38.6980, 7.4940



120.1210, 42.5000, 11.7160



110.0380, -21.4990, -23.3790

Complementary

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



115.3380, -38.6980, 7.4940



138.6620, 38.6980, -7.4940

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.



114.3910, 5.3680, -20.2000



115.3380, -38.6980, 7.4940



118.9490, 39.5680, -1.2320

Square

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



115.3380, -38.6980, 7.4940



121.2100, 35.3000, 21.0600



116.8560, 26.2280, -12.7800



102.2160, -54.2350, -24.8190

Rectangle

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



115.3380, -38.6980, 7.4940



122.2040, 9.0740, 22.7860



116.8560, 26.2280, -12.7800



111.2410, -11.8250, -22.4890

Sweetspot

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



115.3380, -38.6980, 7.4940



200.9800, -14.4430, 2.9410



140.3560, -40.2500, -30.4740



99.5630, -8.8950, 1.5130



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



115.3380, -38.6980, 7.4940



134.9520, -60.7980, 11.5380



94.8260, -24.6720, 28.6400



81.3740, -3.9890, 0.7070



55.2550, -66.0250, 12.6550



8.4920, -10.1330, 1.9230

Inverse Universe

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



113.6440, 40.2500, 30.4740



132.1020, 62.9880, 47.9160



159.1740, 24.6720, -28.6400



81.1470, 4.0800, 3.1520



52.2600, 68.5350, 52.0150



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 115.3380, -38.6980, 7.4940 looks on a white background.

Color Contrast Check

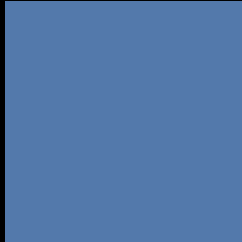
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.3380, -38.6980, 7.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

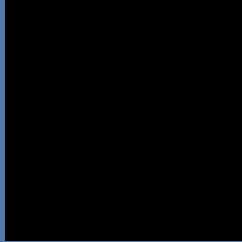
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.3380, -38.6980, 7.4940

Background



This preview shows how black text looks on a background with the YIQ color 115.3380, -38.6980, 7.4940.

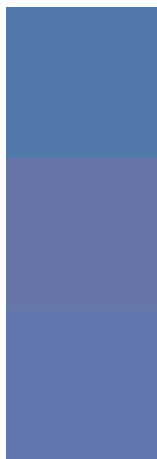


This preview shows how white text looks on a background with the YIQ color 115.3380, -38.6980,

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

115.3380, -38.6980, 7.4940

Protanopia

118.6280, -24.7150, 12.8930

Deuteranopia

117.8770, -29.8500, 12.3420



Tritanopia

111.8090, -36.3110, -8.2390

Trichromacy



Original Color

115.3380, -38.6980, 7.4940

Protanomaly

117.2360, -29.4830, 11.1970

Deuteranomaly

116.9690, -33.1050, 10.7590

Tritanomaly

113.1990, -37.2290, -2.6130

Monochromacy



Original Color

115.3380, -38.6980, 7.4940

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8660, -14.1220, 2.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3380, -38.6980, 7.4940 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(83, 121, 171)` looks like.

```
.text, #text, p{  
    color:rgb(83, 121, 171)  
}
```

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(83, 121, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 121, 171) }
```

Border

The CSS property to change the border of an element to YIQ 115.3380, -38.6980, 7.4940 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(83, 121, 171) }
```


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

```
.border{ border-color:rgb(83, 121, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 121, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 121, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 121, 171);  
box-shadow:4px 4px 4px 4px rgb(83, 121,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3380, -38.6980, 7.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 121, 171) }
```

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

```
.background{ background-color: rgb(83, 121,  
171) }
```

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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