

Converting Colors

YIQ(139.5690, -17.0590,
17.3170)

Have a look what the booklet for
YIQ(139.5690, -17.0590, 17.3170)
contains.

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Color

**YIQ(139.5690, -17.0590,
17.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	8685BC
RGB	134, 133, 188
RGB Percent	53%, 52%, 74%
CMY	0.4745, 0.4784, 0.2629
CMYK	0.29, 0.29, 0.00, 0.26
HSL	241°, 29%, 63%
HSV	241°, 29%, 74%
XYZ	27.2946, 25.4737, 51.0394
YIQ	139.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

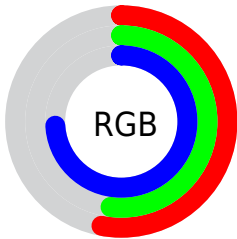
Format	Color
RYB	134, 133, 188
Decimal	8816060
CIELab	57.53, 12.92, -28.58
CIELCh	58, 31.363, 294.323
Yxy	25.4737, 0.2629, 0.2454
Android (android.graphics.Color)	4287006140 (0xFF8685BC)
YUV	139.5690, 23.8765, -4.8840
Hunter-Lab	50.4715, 8.2062, -24.6271

Details

The YIQ color $139.5690, -17.0590, 17.3170$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $181.4310, 17.0590, -17.3170$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $193.2100, -17.4260, 18.4620$, and $89.4010, -16.6460, 15.3380$ is the 20% darker color. If you saturate the color by 10%, you get $123.0340, -22.5620, 23.4380$, and if you desaturate by 10%, it is $156.1040, -11.5560, 11.1960$.

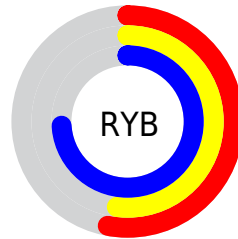
Distribution



Red (53%)

Green (52%)

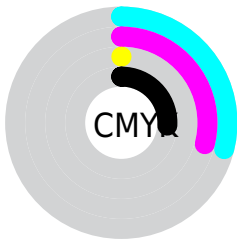
Blue (74%)



Red (53%)

Yellow (52%)

Blue (74%)

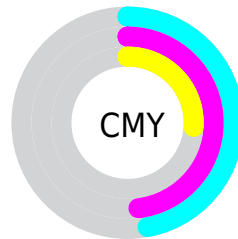


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.5690, -17.0590, 17.3170 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 139.5690, -17.0590, 17.3170 by changing the saturation by 10% instead.

■ 139.5690,
-17.0590, 17.3170

■ 139.5690,
-17.0590, 17.3170

■ 255.0000, -0.0000,
-0.0000

■ 114.0420,
-17.0130, 16.4830

■ 193.2100,
-17.4260, 18.4620

■ 89.4010, -16.6460,
15.3380

■ 219.2720,
-11.9690, 13.1750

■ 65.5750, -17.1960,
14.2920

■ 244.3790, -2.3850,
4.6790

■ 42.3360, -18.0210,
12.7230

■ 19.6020, -21.8260,
10.0940

■ 5.0330, -12.7940,
11.6060

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 139.5690,
-17.0590, 17.3170

■ 139.5690,
-17.0590, 17.3170

■ 123.0340,
-22.5620, 23.4380

■ 156.1040,
-11.5560, 11.1960

■ 106.2000,
-28.6610, 29.3470

■ 172.9380, -5.4570,
5.2870

■ 90.2520, -34.4390,
34.9450

■ 188.8860, 0.3210,
-0.3110

■ 73.4180, -40.5380,
40.8540

■ 205.7200, 6.4200,
-6.2200

■ 56.8830, -46.0410,
46.9750

■ 222.2550, 11.9230,
-12.3410

■ 40.0490, -52.1400,
52.8840

■ 239.0890, 18.0220,
-18.2500

■ 23.5140, -57.6430,
59.0050

■ 247.3620, 21.5070,
-20.8370

■ 22.3290, -58.5600,
59.1040

Harmonies

Analogous

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



132.1520, -47.0420, 4.5260



139.5690, -17.0590, 17.3170



141.8130, 11.7330, 24.1570

Triad

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



139.5690, -17.0590, 17.3170



138.6230, 43.6020, 2.7540



124.5930, -45.1110, -24.9750

Complementary

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



139.5690, -17.0590, 17.3170



181.4310, 17.0590, -17.3170

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.



129.9310, -13.8880, -23.6480



139.5690, -17.0590, 17.3170



136.8460, 32.1880, -10.6600

Square

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



139.5690, -17.0590, 17.3170



140.0120, 44.4250, 15.3770



133.9250, 12.6120, -19.3240



117.6190, -74.3630, -23.4750

Rectangle

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



139.5690, -17.0590, 17.3170



142.1260, 26.9090, 24.4530



133.9250, 12.6120, -19.3240



126.4540, -34.4740, -25.0180

Sweetspot

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



139.5690, -17.0590, 17.3170



225.5080, -7.0620, 6.8420



170.9680, -32.5050, -11.1370



110.4820, -4.1730, 4.0430



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



139.5690, -17.0590, 17.3170



169.4020, -26.4140, 27.1700



147.6420, -0.9670, 23.0410



86.0260, -2.8890, 2.7990



18.9090, -48.9300, 49.7740



3.8330, -9.3550, 9.8530

Inverse Universe

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



155.6010, 15.4460, 28.4540



194.2900, 24.2920, 44.3560



173.3580, 0.9670, -23.0410



88.7170, 2.4750, 4.7070



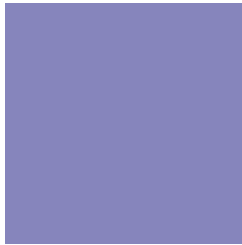
64.9120, 44.4130, 81.7010



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 139.5690, -17.0590, 17.3170 looks on a white background.

Color Contrast Check

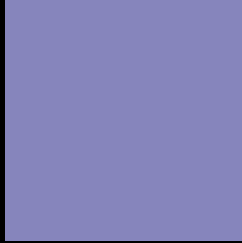
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.5690, -17.0590, 17.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

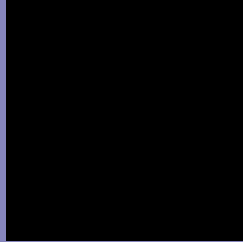
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.5690, -17.0590, 17.3170

Background



This preview shows how black text looks on a background with the YIQ color 139.5690, -17.0590, 17.3170.



This preview shows how white text looks on a background with the YIQ color 139.5690, -17.0590,

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

139.5690, -17.0590, 17.3170

Protanopia

137.9700, -25.6780, 13.8260

Deuteranopia

138.2260, -23.5230, 13.3170



Tritanopia

137.3670, -11.2790, 0.6650

Trichromacy



Original Color

139.5690, -17.0590, 17.3170

Protanomaly

138.4650, -22.6980, 14.8860

Deuteranomaly

138.8350, -20.8640, 14.6880

Tritanomaly

137.9850, -12.8390, 6.9130

Monochromacy



Original Color

139.5690, -17.0590, 17.3170

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.5790, -5.8240, 6.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.5690, -17.0590, 17.3170 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(134, 133, 188)` looks like.

```
.text, #text, p{  
    color:rgb(134, 133, 188)  
}
```

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(134, 133, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 133, 188) }
```

Border

The CSS property to change the border of an element to YIQ 139.5690, -17.0590, 17.3170 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(134, 133, 188) }
```


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

```
.border{ border-color:rgb(134, 133, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 133, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 133, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 133, 188);  
box-shadow:4px 4px 4px 4px rgb(134, 133,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 139.5690, -17.0590, 17.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 133, 188) }
```

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

```
.background{ background-color: rgb(134,  
133, 188) }
```

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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