

Converting Colors

YIQ(140.2390, -33.5650,
19.0990)

Have a look what the booklet for
YIQ(140.2390, -33.5650, 19.0990)
contains.

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Color

**YIQ(140.2390, -33.5650,
19.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	7889D2
RGB	120, 137, 210
RGB Percent	47%, 54%, 82%
CMY	0.5294, 0.4627, 0.1767
CMYK	0.43, 0.35, 0.00, 0.18
HSL	229°, 50%, 65%
HSV	229°, 43%, 82%
XYZ	28.3194, 26.5373, 64.5708
YIQ	140.2390, -33.5650, 19.0990

Conversions

Conversions Part 2

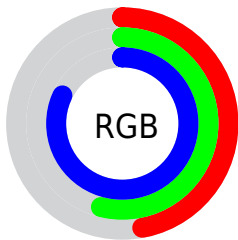
Format	Color
R _Y B	120, 134, 210
Decimal	7899602
CIE Lab	58.54, 12.64, -39.51
CIE LCh	59, 41.481, 287.748
Yxy	26.5373, 0.2371, 0.2222
Android (android.graphics.Color)	4286089682 (0xFF7889D2)
YUV	140.2390, 34.3922, -17.7496
Hunter-Lab	51.5144, 7.9782, -38.2571

Details

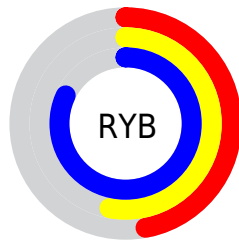
The YIQ color **140.2390, -33.5650, 19.0990** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **189.7610, 33.5650, -19.0990**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2240, -29.2090, 17.2470**, and **88.1740, -34.9400, 16.4840** is the 20% darker color. If you saturate the color by 10%, you get **123.9810, -41.4060, 23.5380**, and if you desaturate by 10%, it is **156.4970, -25.7240, 14.6600**.

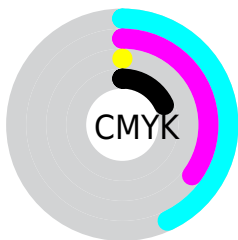
Distribution



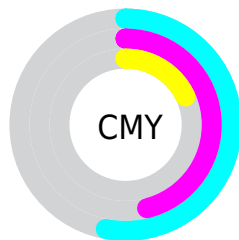
- Red (47%)
- Green (54%)
- Blue (82%)



- Red (47%)
- Yellow (53%)
- Blue (82%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.2390, -33.5650, 19.0990 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 140.2390, -33.5650, 19.0990 by changing the saturation by 10% instead.

■ 140.2390,
-33.5650, 19.0990

■ 140.2390,
-33.5650, 19.0990

■ 255.0000, -0.0000,
-0.0000

■ 114.2990,
-33.7940, 17.7420

■ 193.2240,
-29.2090, 17.2470

■ 88.1740, -34.9400,
16.4840

■ 218.0320,
-20.2210, 8.5390

■ 63.0380, -37.5530,
14.2790

■ 243.1390,
-10.6370, 0.0430

■ 36.9830, -44.8880,
9.5440

■ 22.5070, -31.6840,
12.5400

■ 6.2700, -17.6550,
17.1050

■ 4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 140.2390,
-33.5650, 19.0990

■ 140.2390,
-33.5650, 19.0990

■ 123.9810,
-41.4060, 23.5380

■ 156.4970,
-25.7240, 14.6600

■ 107.7230,
-49.2470, 27.9770

■ 172.7550,
-17.8830, 10.2210

■ 91.4650, -57.0880,
32.4160

■ 189.0130,
-10.0420, 5.7820

■ 75.2070, -64.9290,
36.8550

■ 205.2710, -2.2010,
1.3430

■ 58.9490, -72.7700,
41.2940

■ 221.5290, 5.6400,
-3.0960

■ 47.4200, -78.4100,
44.3900

■ 237.7870, 13.4810,
-7.5350

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



121.6830, -88.4420, -5.0980



140.2390, -33.5650, 19.0990



144.9900, 7.1010, 31.0130

Triad

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



140.2390, -33.5650, 19.0990



140.2720, 57.9520, 7.0080



119.4290, -59.6890, -36.1130

Complementary

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



140.2390, -33.5650, 19.0990



189.7610, 33.5650, -19.0990

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.



130.5580, -11.6400, -31.3520



140.2390, -33.5650, 19.0990



139.1480, 45.8970, -11.3110

Square

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



140.2390, -33.5650, 19.0990



142.3280, 55.5190, 23.5750



135.4390, 22.6080, -24.2720



111.8010, -95.7270, -32.7750

Rectangle

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



140.2390, -33.5650, 19.0990



144.4780, 29.1540, 33.3300



135.4390, 22.6080, -24.2720



124.3620, -40.3870, -33.4990

Sweetspot

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



140.2390, -33.5650, 19.0990



229.2840, -12.2430, 7.1250



181.0380, -47.8620, -24.6780



111.7420, -7.8410, 4.4390



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.



140.2390, -33.5650, 19.0990



154.4950, -48.6050, 27.3550



138.3330, -12.7980, 33.7140



96.4280, -4.0810, 2.3750



37.9360, -62.7280, 35.5120



9.3700, -15.3610, 8.5670

Inverse Universe

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



148.8480, 48.1830, 24.3670



166.7200, 69.4550, 35.3350



191.6670, 12.7980, -33.7140



97.5170, 5.9140, 2.9540



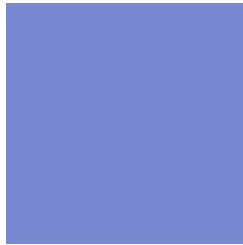
53.8800, 89.8560, 45.5680



13.1710, 21.8680, 11.1800

Previews

White Background



This preview shows how the YIQ color 140.2390, -33.5650, 19.0990 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 140.2390, -33.5650, 19.0990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

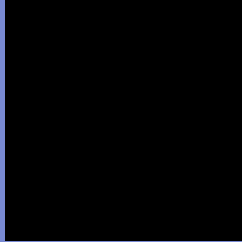
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.2390, -33.5650, 19.0990

Background



This preview shows how black text looks on a background with the YIQ color 140.2390, -33.5650, 19.0990.

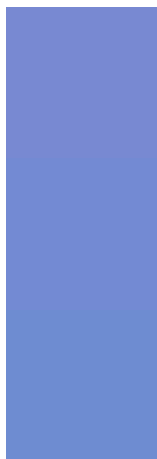


This preview shows how white text looks on a background with the YIQ color 140.2390, -33.5650,

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

140.2390, -33.5650, 19.0990

Protanopia

139.4450, -37.1410, 17.8270

Deuteranopia

138.8960, -40.0290, 15.0990



Tritanopia

136.4080, -27.6920, -4.7480

Trichromacy



Original Color

140.2390, -33.5650, 19.0990

Protanomaly

140.0430, -35.9490, 18.2510

Deuteranomaly

139.5050, -37.3700, 16.4700

Tritanomaly

137.7210, -29.7110, 4.3130

Monochromacy



Original Color

140.2390, -33.5650, 19.0990

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1700, -11.9220, 6.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.2390, -33.5650, 19.0990 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(120, 137, 210)` looks like.

```
.text, #text, p{  
    color:rgb(120, 137, 210)  
}
```

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(120, 137, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 137, 210) }
```

Border

The CSS property to change the border of an element to YIQ 140.2390, -33.5650, 19.0990 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(120, 137, 210) }
```


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

```
.border{ border-color:rgb(120, 137, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 137, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 137, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 137, 210);  
box-shadow:4px 4px 4px 4px rgb(120, 137,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 140.2390, -33.5650, 19.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 137, 210) }
```

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

```
.background{ background-color: rgb(120,  
137, 210) }
```

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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