

Converting Colors

YIQ(176.3290, -51.6740,
11.3820)

Have a look what the booklet for
YIQ(176.3290, -51.6740, 11.3820)
contains.

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Color

**YIQ(176.3290, -51.6740,
11.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	86B7FD
RGB	134, 183, 253
RGB Percent	53%, 72%, 99%
CMY	0.4746, 0.2823, 0.0081
CMYK	0.47, 0.28, 0.00, 0.01
HSL	215°, 97%, 76%
HSV	215°, 47%, 99%
XYZ	44.4854, 46.0300, 99.4133
YIQ	176.3290, -51.6740, 11.3820

Conversions

Conversions Part 2

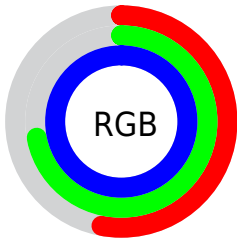
Format	Color
RYB	134, 169, 253
Decimal	8828925
CIELab	73.56, 2.15, -39.60
CIElCh	74, 39.661, 273.109
Yxy	46.0300, 0.2342, 0.2424
Android (android.graphics.Color)	4287019005 (0xFF86B7FD)
YUV	176.3290, 37.7988, -37.1225
Hunter-Lab	67.8454, -1.6892, -39.3854

Details

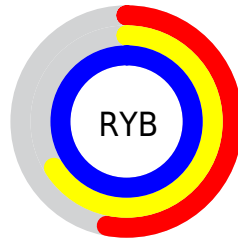
The YIQ color $176.3290, -51.6740, 11.3820$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $210.6710, 51.6740, -11.3820$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.7710, -33.1480, -4.9880$, and $121.3780, -53.3700, 9.0780$ is the 20% darker color. If you saturate the color by 10%, you get $160.0490, -62.4490, 13.9270$, and if you desaturate by 10%, it is $192.6090, -40.8990, 8.8370$.

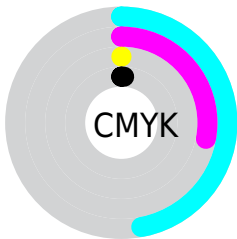
Distribution



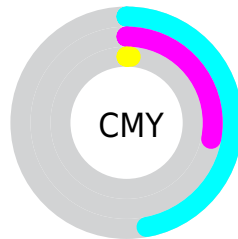
- Red (53%)
- Green (72%)
- Blue (99%)



- Red (53%)
- Yellow (66%)
- Blue (99%)



- Cyan (47%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (47%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3290, -51.6740, 11.3820 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 176.3290, -51.6740, 11.3820 by changing the saturation by 10% instead.

■ 176.3290,
-51.6740, 11.3820

■ 176.3290,
-51.6740, 11.3820

■ 255.0000, -0.0000,
-0.0000

■ 148.5030,
-52.2240, 10.3360

■ 226.7710,
-33.1480, -4.9880

■ 121.3780,
-53.3700, 9.0780

■ 244.8340,
-20.2640, -7.2080

■ 93.7580, -57.4960,
6.7600

■ 253.8040, -2.3840,
-0.8480

■ 64.3220, -68.1320,
1.2760

■ 47.8570, -53.4610,
5.2190

■ 32.6800, -39.6610,
8.4270

■ 17.6170, -26.1820,

11.9460

■ 6.7770, -14.9490,
12.1150

■ 3.2090, -7.6580,
6.6300

■ 176.3290,
-51.6740, 11.3820

■ 176.3290,
-51.6740, 11.3820

■ 160.0490,
-62.4490, 13.9270

■ 192.6090,
-40.8990, 8.8370

■ 143.4700,
-73.8200, 16.2600

■ 209.1880,
-29.5280, 6.5040

■ 127.1900,
-84.5950, 18.8050

■ 225.4680,
-18.7530, 3.9590

■ 111.4970,
-95.6450, 20.8270

■ 241.1610, -7.7030,
1.9370

■ 95.2170,
-106.4200, 23.3720

254.7720, 0.6420,
-0.6220

■ 89.8900,
-109.8130, 24.2910

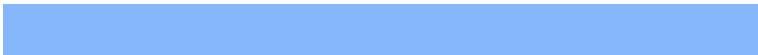
Harmonies

Analogous

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



161.5530, -91.1920, -10.3280



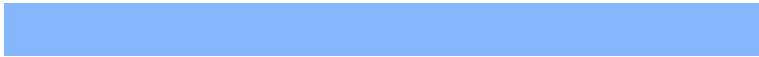
176.3290, -51.6740, 11.3820



184.1880, -11.1920, 26.6320

Triad

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



176.3290, -51.6740, 11.3820



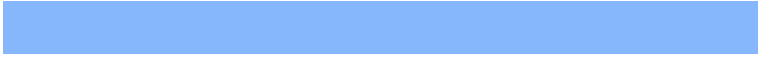
182.3250, 59.6010, 15.6730



167.6790, -31.0340, -32.2980

Complementary

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



176.3290, -51.6740, 11.3820



210.6710, 51.6740, -11.3820

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.



173.7190, 7.0200, -28.1160



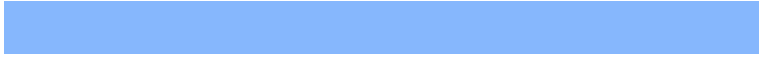
176.3290, -51.6740, 11.3820



180.4360, 54.1940, -1.9820

Square

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



176.3290, -51.6740, 11.3820



184.2660, 50.0620, 28.8620



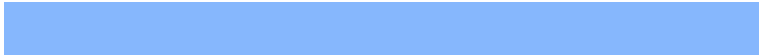
177.9570, 35.9490, -18.2510



158.2950, -73.8110, -33.4830

Rectangle

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



176.3290, -51.6740, 11.3820



185.6380, 14.0240, 32.2000



177.9570, 35.9490, -18.2510



170.0350, -17.4170, -31.2810

Sweetspot

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



176.3290, -51.6740, 11.3820



231.9090, -15.6810, 3.3510



211.7190, -54.8740, -40.7780



113.7910, -9.5370, 2.1350



0.0000, 0.0000, 0.0000



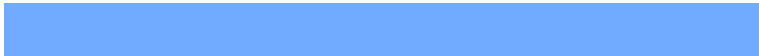
128.0000, -0.0000, -0.0000

Same Dimension

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



176.3290, -51.6740, 11.3820



162.9350, -62.1280, 13.6160



150.5560, -32.2390, 39.1290



119.4170, -5.5480, 1.4280



68.1470, -83.0360, 18.0840



22.5580, -27.6940, 6.3060

Inverse Universe

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



175.1670, 55.1950, 40.4670



161.4830, 66.2890, 48.6650



236.4440, 32.2390, -39.1290



119.4570, 6.1430, 4.3110



66.1150, 88.4770, 65.0610



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 176.3290, -51.6740, 11.3820 looks on a white background.

Color Contrast Check

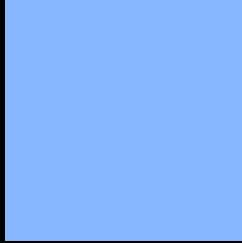
Large Text (above 18pt) WCAG AA × Fail

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 176.3290, -51.6740, 11.3820 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

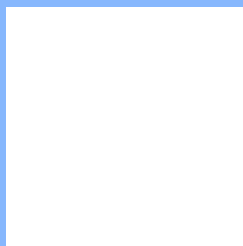
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 176.3290, -51.6740, 11.3820

Background



This preview shows how black text looks on a background with the YIQ color 176.3290, -51.6740, 11.3820.



This preview shows how white text looks on a background with the YIQ color 176.3290, -51.6740, 11.3820.

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

176.3290, -51.6740, 11.3820

Protanopia

180.4130, -34.1150, 18.0530

Deuteranopia

179.4880, -38.7000, 18.5480



Tritanopia

172.1820, -47.7270, -10.5990

Trichromacy



Original Color

176.3290, -51.6740, 11.3820

Protanomaly

179.0100, -40.3500, 15.4100

Deuteranomaly

178.5690, -43.4220, 16.0180

Tritanomaly

173.8540, -49.3790, -2.6830

Monochromacy



Original Color

176.3290, -51.6740, 11.3820

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.4680, -18.7530, 3.9590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3290, -51.6740, 11.3820 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, 183, 253)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 253)  
}
```

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, 183, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 253) }
```

Border

The CSS property to change the border of an element to YIQ 176.3290, -51.6740, 11.3820 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, 183, 253) }
```


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

```
.border{ border-color:rgb(134, 183, 253) }
```

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

Here you see how a box with a 4 pixel rgb(134, 183, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 183, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 183, 253);  
box-shadow:4px 4px 4px 4px rgb(134, 183,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3290, -51.6740, 11.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 253) }
```

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

```
.background{ background-color: rgb(134,  
183, 253) }
```

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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