

Converting Colors

YIQ(171.5430, -58.8690,
-6.9090)

Have a look what the booklet for
YIQ(171.5430, -58.8690, -6.9090)
contains.

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Color

**YIQ(171.5430, -58.8690,
-6.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC0E1
RGB	111, 192, 225
RGB Percent	44%, 75%, 88%
CMY	0.5649, 0.2469, 0.1179
CMYK	0.51, 0.15, 0.00, 0.12
HSL	197°, 65%, 66%
HSV	197°, 51%, 88%
XYZ	38.9887, 46.5236, 78.1119
YIQ	171.5430, -58.8690, -6.9090

Conversions

Conversions Part 2

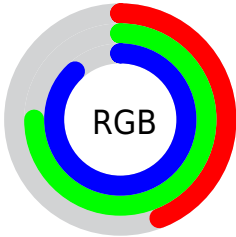
Format	Color
R_{YB}	111, 158, 225
Decimal	7323873
CIE _{Lab}	73.88, -15.92, -24.07
CIE _{LCh}	74, 28.857, 236.514
Yxy	46.5236, 0.2383, 0.2843
Android (android.graphics.Color)	4285513953 (0xFF6FC0E1)
YUV	171.5430, 26.3543, -53.0962
Hunter-Lab	68.2082, -17.3312, -20.1531

Details

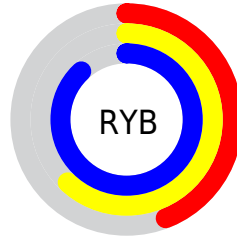
The YIQ color **171.5430, -58.8690, -6.9090** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **164.4570, 58.8690, 6.9090**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.1770, -49.3310, -14.5710**, and **115.0370, -63.3160, -8.9160** is the 20% darker color. If you saturate the color by 10%, you get **161.1440, -70.9270, -8.6470**, and if you desaturate by 10%, it is **182.2300, -47.6820, -5.9060**.

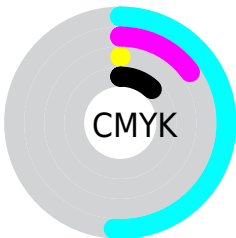
Distribution



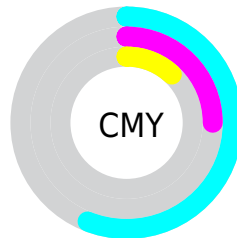
- Red (44%)
- Green (75%)
- Blue (88%)



- Red (44%)
- Yellow (62%)
- Blue (88%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (56%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5430, -58.8690, -6.9090 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 171.5430, -58.8690, -6.9090 by changing the saturation by 10% instead.

■ 171.5430,
-58.8690, -6.9090

■ 171.5430,
-58.8690, -6.9090

■ 255.0000, -0.0000,
-0.0000

■ 143.5320,
-60.3360, -7.8560

■ 225.1770,
-49.3310, -14.5710

■ 115.0370,
-63.3160, -8.9160

■ 237.9570,
-33.9720, -12.0840

■ 82.6330, -76.9780,
-14.6260

■ 246.9270,
-16.0920, -5.7240

■ 64.9940, -61.7570,
-9.6370

■ 48.7570, -47.7280,
-5.0720

■ 33.1070, -33.9740,
-1.0300

■ 19.3320, -21.3660,

1.7540

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 171.5430,
-58.8690, -6.9090

■ 171.5430,
-58.8690, -6.9090

■ 161.1440,
-70.9270, -8.6470

■ 182.2300,
-47.6820, -5.9060

■ 150.4570,
-82.1140, -9.6500

■ 192.6290,
-35.6240, -4.1680

■ 140.0580,
-94.1720, -11.3880

■ 203.3160,
-24.4370, -3.1650

■ 129.3710,
-105.3590, -12.3910

■ 213.7150,
-12.3790, -1.4270

■ 119.5700,
-116.2250, -13.7050

■ 224.4020, -1.1920,
-0.4240

■ 234.8010, 10.8660,
1.3140

■ 241.0140, 14.5800,
0.0840

■ 245.1230, 12.6550,
-3.5770

■ 248.6450, 11.0050,
-6.7150

Harmonies

Analogous

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



168.5070, -59.1880, -17.6520



171.5430, -58.8690, -6.9090



178.3270, -40.1650, 6.5470

Triad

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



171.5430, -58.8690, -6.9090



185.3670, 33.4200, 22.0920



177.6690, 10.4570, -18.8150

Complementary

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



171.5430, -58.8690, -6.9090



164.4570, 58.8690, 6.9090

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.



180.7750, 30.9500, -10.2500



171.5430, -58.8690, -6.9090



184.6590, 43.9210, 13.4970

Square

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



171.5430, -58.8690, -6.9090



185.7700, 13.2920, 23.4360



182.7970, 43.0520, 1.7080



173.9740, -15.4470, -22.9270

Rectangle

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



171.5430, -58.8690, -6.9090



182.0520, -22.9730, 14.3630



182.7970, 43.0520, 1.7080



179.0290, 18.2510, -16.8930

Sweetspot

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



171.5430, -58.8690, -6.9090



237.1810, -19.6230, -2.3030



181.5660, -41.6220, -49.6700



117.0140, -11.7830, -1.2150



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.



171.5430, -58.8690, -6.9090



181.9410, -80.6010, -9.5370



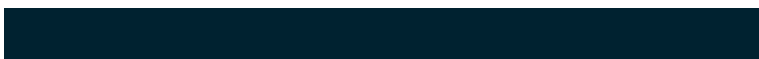
138.6710, -43.4690, 22.3790



106.9500, -5.7310, -0.7630



93.4390, -90.8710, -10.6390



25.4300, -24.7580, -2.8540

Inverse Universe

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



154.3200, 41.9430, 49.3590



158.2980, 57.3450, 67.5930



197.3290, 43.4690, -22.3790



105.2010, 3.9880, 4.8200



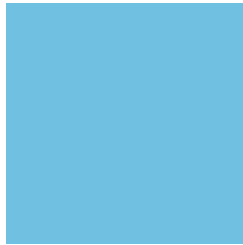
66.8740, 64.7710, 76.1870



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 171.5430, -58.8690, -6.9090 looks on a white background.

Color Contrast Check

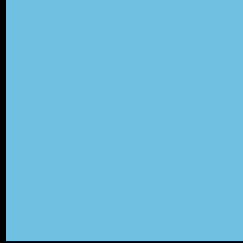
Large Text (above 18pt) WCAG AA × Fail

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 171.5430, -58.8690, -6.9090 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 171.5430, -58.8690, -6.9090

Background



This preview shows how black text looks on a background with the YIQ color 171.5430, -58.8690, -6.9090.



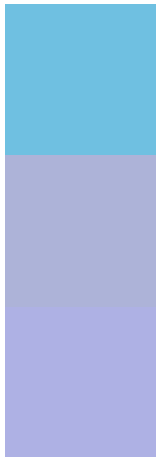
This preview shows how white text looks on a background with the YIQ color 171.5430, -58.8690, -6.9090.

-6.9090.

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

171.5430, -58.8690, -6.9090

Protanopia

181.4240, -15.4530, 10.2350

Deuteranopia

181.9170, -18.1590, 15.2250



Tritanopia

170.0990, -57.8590, -14.2030

Trichromacy



Original Color

171.5430, -58.8690, -6.9090

Protanomaly

177.8240, -31.4990, 3.6770

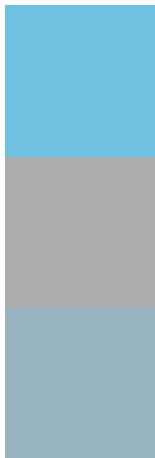
Deuteranomaly

177.8610, -32.9210, 7.4230

Tritanomaly

170.6800, -57.9970, -11.7010

Monochromacy



Original Color

171.5430, -58.8690, -6.9090

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6970, -21.1360, -2.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5430, -58.8690, -6.9090 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(111, 192, 225)` looks like.

```
.text, #text, p{  
    color:rgb(111, 192, 225)  
}
```

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(111, 192, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 192, 225) }
```

Border

The CSS property to change the border of an element to YIQ 171.5430, -58.8690, -6.9090 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(111, 192, 225) }
```


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

```
.border{ border-color:rgb(111, 192, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 192, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 192, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 192, 225); box-shadow:4px 4px 4px 4px rgb(111, 192, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5430, -58.8690, -6.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 192, 225) }
```

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

```
.background{ background-color: rgb(111,  
192, 225) }
```

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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