

Converting Colors

YIQ(181.5970, -58.9610,
-5.2410)

Have a look what the booklet for
YIQ(181.5970, -58.9610, -5.2410)
contains.

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Color

**YIQ(181.5970, -58.9610,
-5.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC9EE
RGB	122, 201, 238
RGB Percent	48%, 79%, 93%
CMY	0.5217, 0.2116, 0.0669
CMYK	0.49, 0.16, 0.00, 0.07
HSL	199°, 77%, 71%
HSV	199°, 49%, 93%
XYZ	44.3373, 52.0924, 88.5554
YIQ	181.5970, -58.9610, -5.2410

Conversions

Conversions Part 2

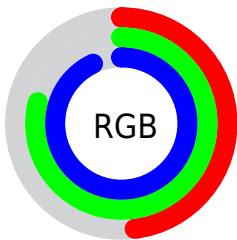
Format	Color
R _Y B	122, 169, 238
Decimal	8047086
CIE Lab	77.34, -14.54, -25.76
CIE LCh	77, 29.581, 240.569
Yxy	52.0924, 0.2397, 0.2816
Android (android.graphics.Color)	4286237166 (0xFF7AC9EE)
YUV	181.5970, 27.8067, -52.2666
Hunter-Lab	72.1751, -16.6536, -22.2234

Details

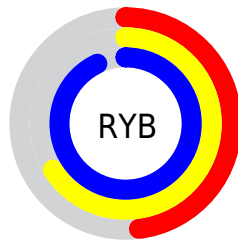
The YIQ color **181.5970, -58.9610, -5.2410** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **178.4030, 58.9610, 5.2410**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, -44.7000, -15.9000**, and **125.5750, -61.8950, -7.1350** is the 20% darker color. If you saturate the color by 10%, you get **169.7250, -71.0650, -6.1450**, and if you desaturate by 10%, it is **193.4690, -46.8570, -4.3370**.

Distribution



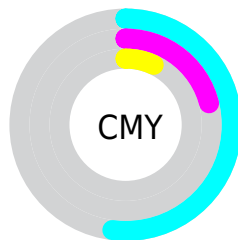
- Red (48%)
- Green (79%)
- Blue (93%)



- Red (48%)
- Yellow (66%)
- Blue (93%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (52%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.5970, -58.9610, -5.2410 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 181.5970, -58.9610, -5.2410 by changing the saturation by 10% instead.

■ 181.5970,
-58.9610, -5.2410

■ 181.5970,
-58.9610, -5.2410

■ 255.0000, -0.0000,
-0.0000

■ 153.8850,
-59.8320, -5.9760

■ 232.5750,
-44.7000, -15.9000

■ 125.5750,
-61.8950, -7.1350

■ 241.2460,
-27.4160, -9.7520

■ 95.5740, -69.3220,
-10.2020

■ 250.2160, -9.5360,
-3.3920

■ 71.0580, -67.8090,
-10.0890

■ 54.7070, -53.4590,
-5.8350

■ 38.3560, -39.1090,
-1.5810

■ 23.9940, -26.2260,

1.7260

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 181.5970,
-58.9610, -5.2410

■ 181.5970,
-58.9610, -5.2410

■ 169.7250,
-71.0650, -6.1450

■ 193.4690,
-46.8570, -4.3370

■ 158.4400,
-83.4440, -7.5720

■ 204.7540,
-34.4780, -2.9100

■ 146.8670,
-94.9520, -8.2640

■ 216.3270,
-22.9700, -2.2180

■ 135.5820,
-107.3310, -9.6910

■ 227.6120,
-10.5910, -0.7910

■ 123.7100,
-119.4350, -10.5950

■ 239.4840, 1.5130,
0.1130

■ 122.2260,
-120.9480, -10.7080

■ 247.7790, 7.9320,
-0.5800

■ 252.4750, 5.7320,
-4.7640

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



177.1800, -62.5810, -16.7330



181.5970, -58.9610, -5.2410



188.1640, -38.1480, 8.5400

Triad

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



181.5970, -58.9610, -5.2410



195.2210, 36.7670, 22.0070



186.6470, 7.5230, -20.7090

Complementary

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



181.5970, -58.9610, -5.2410



178.4030, 58.9610, 5.2410

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.



189.2370, 29.5290, -12.0310



181.5970, -58.9610, -5.2410



193.8010, 46.3970, 12.6770

Square

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



181.5970, -58.9610, -5.2410



195.4500, 17.1890, 24.3970



191.7430, 43.1440, 0.0400



182.8810, -19.6190, -24.4110

Rectangle

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



181.5970, -58.9610, -5.2410



192.0740, -20.0390, 16.2570



191.7430, 43.1440, 0.0400



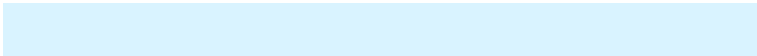
187.4200, 15.5920, -18.2640

Sweetspot

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



181.5970, -58.9610, -5.2410



236.5940, -19.3480, -1.7800



194.3100, -43.7770, -49.1610



116.4270, -11.5080, -0.6920



0.0000, 0.0000, 0.0000



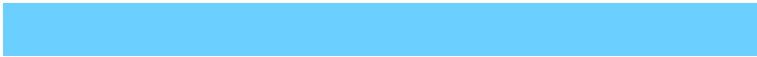
128.0000, -0.0000, -0.0000

Same Dimension

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



181.5970, -58.9610, -5.2410



183.1590, -75.2830, -6.7950



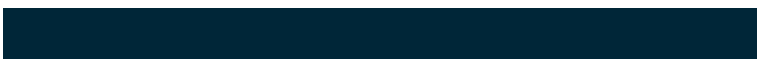
147.5510, -43.0110, 25.0930



114.0640, -6.0520, -0.4520



94.3510, -93.4390, -8.1510



28.6900, -28.4260, -2.4580

Inverse Universe

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



165.6900, 43.7770, 49.1610



162.7660, 55.7870, 62.7870



212.4490, 43.0110, -25.0930



112.5000, 4.5840, 5.0320



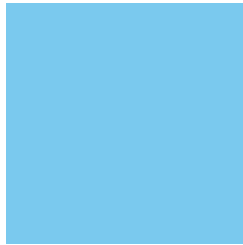
69.2660, 69.5390, 77.8830



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 181.5970, -58.9610, -5.2410 looks on a white background.

Color Contrast Check

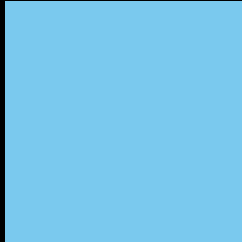
Large Text (above 18pt) WCAG AA × Fail

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 181.5970, -58.9610, -5.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

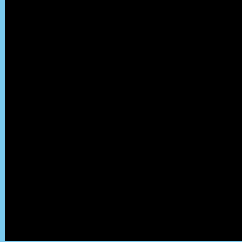
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.5970, -58.9610, -5.2410

Background



This preview shows how black text looks on a background with the YIQ color 181.5970, -58.9610, -5.2410.



This preview shows how white text looks on a background with the YIQ color 181.5970, -58.9610, -5.2410.

-5.2410.

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

181.5970, -58.9610, -5.2410

Protanopia

190.5810, -17.3330, 11.2670

Deuteranopia

191.6610, -20.3140, 15.7340



Tritanopia

179.5120, -57.5840, -13.6800

Trichromacy



Original Color

181.5970, -58.9610, -5.2410

Protanomaly

187.5790, -32.1870, 5.1330

Deuteranomaly

187.9040, -34.4800, 8.1440

Tritanomaly

180.3210, -58.3640, -10.5560

Monochromacy



Original Color

181.5970, -58.9610, -5.2410

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.8110, -21.4570, -2.1050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.5970, -58.9610, -5.2410 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(122, 201, 238)` looks like.

```
.text, #text, p{  
    color:rgb(122, 201, 238)  
}
```

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(122, 201, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 201, 238) }
```

Border

The CSS property to change the border of an element to YIQ 181.5970, -58.9610, -5.2410 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(122, 201, 238) }
```


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

```
.border{ border-color:rgb(122, 201, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 201, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 201, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 201, 238);  
box-shadow:4px 4px 4px 4px rgb(122, 201,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 181.5970, -58.9610, -5.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 201, 238) }
```

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

```
.background{ background-color: rgb(122,  
201, 238) }
```

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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