

Converting Colors

YIQ(177.6510, -59.0530,
-3.5730)

Have a look what the booklet for
YIQ(177.6510, -59.0530, -3.5730)
contains.

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Color

**YIQ(177.6510, -59.0530,
-3.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	77C4ED
RGB	119, 196, 237
RGB Percent	47%, 77%, 93%
CMY	0.5335, 0.2312, 0.0708
CMYK	0.50, 0.17, 0.00, 0.07
HSL	201°, 77%, 70%
HSV	201°, 50%, 93%
XYZ	42.6256, 49.5241, 87.3813
YIQ	177.6510, -59.0530, -3.5730

Conversions

Conversions Part 2

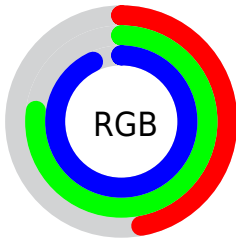
Format	Color
RYB	119, 166, 237
Decimal	7849197
CIELab	75.78, -12.87, -27.62
CIElCh	76, 30.474, 245.024
Yxy	49.5241, 0.2374, 0.2759
Android (android.graphics.Color)	4286039277 (0xFF77C4ED)
YUV	177.6510, 29.2591, -51.4369
Hunter-Lab	70.3733, -15.0346, -24.3580

Details

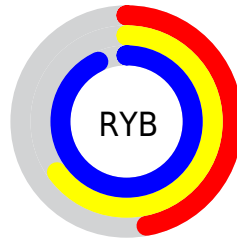
The YIQ color **177.6510, -59.0530, -3.5730** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **178.3490, 59.0530, 3.5730**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5040, -45.9380, -15.4900**, and **121.3300, -62.5830, -5.6790** is the 20% darker color. If you saturate the color by 10%, you get **165.7790, -71.1570, -4.4770**, and if you desaturate by 10%, it is **189.5230, -46.9490, -2.6690**.

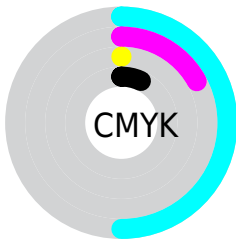
Distribution



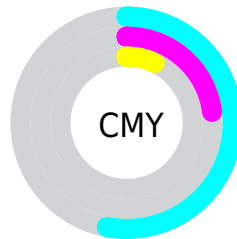
- Red (47%)
- Green (77%)
- Blue (93%)



- Red (47%)
- Yellow (65%)
- Blue (93%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.6510, -59.0530, -3.5730 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 177.6510, -59.0530, -3.5730 by changing the saturation by 10% instead.

■ 177.6510,
-59.0530, -3.5730

■ 177.6510,
-59.0530, -3.5730

■ 255.0000, -0.0000,
-0.0000

■ 149.9390,
-59.9240, -4.3080

■ 230.5040,
-45.9380, -15.4900

■ 121.3300,
-62.5830, -5.6790

■ 240.3490,
-29.2040, -10.3880

■ 91.0190, -72.0730,
-9.9050

■ 249.3190,
-11.3240, -4.0280

■ 68.5960, -66.3880,
-8.3080

■ 52.2450, -52.0380,
-4.0540

■ 35.8940, -37.6880,
0.2000

■ 22.1190, -25.0800,

2.9840

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 177.6510,
-59.0530, -3.5730

■ 177.6510,
-59.0530, -3.5730

■ 165.7790,
-71.1570, -4.4770

■ 189.5230,
-46.9490, -2.6690

■ 154.2060,
-82.6650, -5.1690

■ 201.0960,
-35.4410, -1.9770

■ 141.7470,
-94.4940, -5.5500

■ 213.5550,
-23.6120, -1.5960

■ 129.8750,
-106.5980, -6.4540

■ 225.4270,
-11.5080, -0.6920

■ 118.0030,
-118.7020, -7.3580

■ 237.0000, -0.0000,
-0.0000

■ 247.0780, 8.5280,
-0.3680

■ 252.3610, 6.0530,
-5.0750

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



172.4400, -66.2490, -16.3370



177.6510, -59.0530, -3.5730



185.1860, -35.2140, 10.4340

Triad

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



177.6510, -59.0530, -3.5730



190.6620, 39.8390, 21.3990



181.8530, 3.9470, -21.9810

Complementary

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



177.6510, -59.0530, -3.5730



178.3490, 59.0530, 3.5730

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.



184.5140, 27.1910, -13.7130



177.6510, -59.0530, -3.5730



189.0460, 47.0850, 11.2210

Square

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



177.6510, -59.0530, -3.5730



191.1300, 21.0860, 25.3580



187.3900, 42.6400, -1.8400



177.4290, -24.1580, -24.7500

Rectangle

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



177.6510, -59.0530, -3.5730



188.6940, -15.9130, 18.5750



187.3900, 42.6400, -1.8400



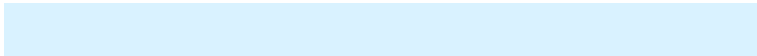
182.5120, 12.3370, -19.8470

Sweetspot

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



177.6510, -59.0530, -3.5730



236.0070, -19.0730, -1.2570



192.7120, -44.9690, -49.5850



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.



177.6510, -59.0530, -3.5730



178.1420, -76.6130, -4.7170



144.1920, -43.3780, 26.2380



111.3630, -5.4560, -0.2400



89.9000, -90.5510, -5.4230



26.7010, -26.9590, -1.5110

Inverse Universe

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



163.0600, 45.6110, 48.9630



159.1470, 59.0880, 63.5360



211.8080, 43.3780, -26.2380



110.0870, 4.3090, 4.5090



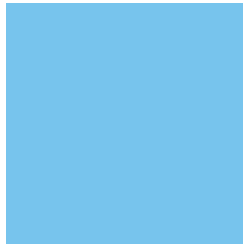
67.5710, 69.9980, 75.0700



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 177.6510, -59.0530, -3.5730 looks on a white background.

Color Contrast Check

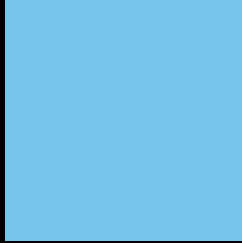
Large Text (above 18pt) WCAG AA × Fail

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 177.6510, -59.0530, -3.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

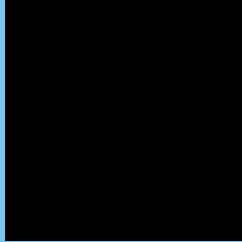
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.6510, -59.0530, -3.5730

Background



This preview shows how black text looks on a background with the YIQ color 177.6510, -59.0530, -3.5730.



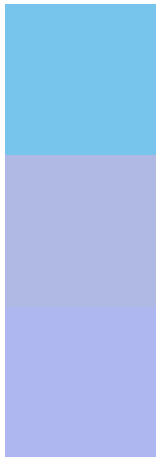
This preview shows how white text looks on a background with the YIQ color 177.6510, -59.0530, -3.5730.

-3.5730.

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

177.6510, -59.0530, -3.5730

Protanopia

186.6240, -18.8920, 11.9880

Deuteranopia

187.1060, -23.0650, 16.0310



Tritanopia

175.5120, -57.5840, -13.6800

Trichromacy



Original Color

177.6510, -59.0530, -3.5730

Protanomaly

183.0350, -33.4710, 6.3770

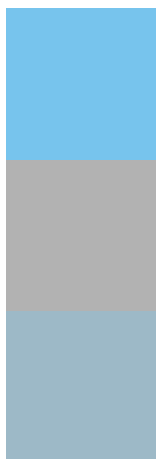
Deuteranomaly

183.9470, -36.0390, 8.8650

Tritanomaly

176.7340, -58.0890, -10.0330

Monochromacy



Original Color

177.6510, -59.0530, -3.5730

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.2240, -21.1820, -1.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.6510, -59.0530, -3.5730 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(119, 196, 237)` looks like.

```
.text, #text, p{  
    color:rgb(119, 196, 237)  
}
```

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(119, 196, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 196, 237) }
```

Border

The CSS property to change the border of an element to YIQ 177.6510, -59.0530, -3.5730 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(119, 196, 237) }
```


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

```
.border{ border-color:rgb(119, 196, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 196, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 196, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 196, 237);  
box-shadow:4px 4px 4px 4px rgb(119, 196,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 177.6510, -59.0530, -3.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 196, 237) }
```

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

```
.background{ background-color: rgb(119,  
196, 237) }
```

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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