

Converting Colors

YIQ(178.0590, -60.3820,
-7.0220)

Have a look what the booklet for
YIQ(178.0590, -60.3820, -7.0220)
contains.

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Color

**YIQ(178.0590, -60.3820,
-7.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	74C7E9
RGB	116, 199, 233
RGB Percent	45%, 78%, 91%
CMY	0.5453, 0.2195, 0.0865
CMYK	0.50, 0.15, 0.00, 0.09
HSL	197°, 73%, 68%
HSV	197°, 50%, 91%
XYZ	42.3262, 50.4522, 84.5474
YIQ	178.0590, -60.3820, -7.0220

Conversions

Conversions Part 2

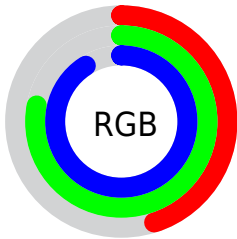
Format	Color
R _Y B	116, 165, 233
Decimal	7653353
CIE Lab	76.35, -16.22, -24.61
CIE LCh	76, 29.475, 236.610
Yxy	50.4522, 0.2387, 0.2845
Android (android.graphics.Color)	4285843433 (0xFF74C7E9)
YUV	178.0590, 27.0859, -54.4257
Hunter-Lab	71.0297, -17.9347, -20.8527

Details

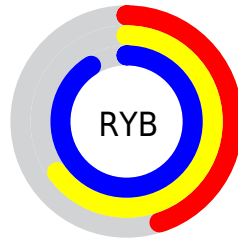
The YIQ color **178.0590, -60.3820, -7.0220** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **170.9410, 60.3820, 7.0220**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.7810, -48.2760, -17.1720**, and **121.7380, -63.9120, -9.1280** is the 20% darker color. If you saturate the color by 10%, you get **167.0730, -72.1650, -8.2370**, and if you desaturate by 10%, it is **189.0450, -48.5990, -5.8070**.

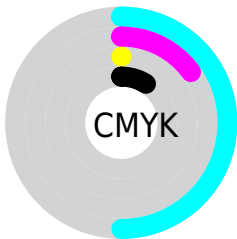
Distribution



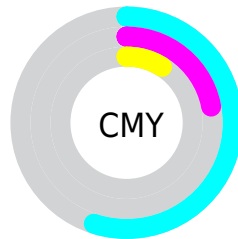
- Red (45%)
- Green (78%)
- Blue (91%)



- Red (45%)
- Yellow (65%)
- Blue (91%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0590, -60.3820, -7.0220 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 178.0590, -60.3820, -7.0220 by changing the saturation by 10% instead.

■ 178.0590,
-60.3820, -7.0220

■ 178.0590,
-60.3820, -7.0220

■ 255.0000, -0.0000,
-0.0000

■ 150.0480,
-61.8490, -7.9690

■ 230.7810,
-48.2760, -17.1720

■ 121.7380,
-63.9120, -9.1280

■ 239.4520,
-30.9920, -11.0240

■ 88.4480, -77.8950,
-14.5270

■ 248.4220,
-13.1120, -4.6640

■ 69.9010, -65.9290,
-11.1210

■ 52.9630, -51.3040,
-6.3440

■ 36.7260, -37.2750,
-1.7790

■ 22.9510, -24.6670,

1.0050

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 178.0590,
-60.3820, -7.0220

■ 178.0590,
-60.3820, -7.0220

■ 167.0730,
-72.1650, -8.2370

■ 189.0450,
-48.5990, -5.8070

■ 156.3750,
-84.8190, -10.1870

■ 200.3300,
-36.2200, -4.3800

■ 145.3890,
-96.6020, -11.4020

■ 210.7290,
-24.1620, -2.6420

■ 134.4030,
-108.3850, -12.6170

■ 221.7150,
-12.3790, -1.4270

■ 123.4170,
-120.1680, -13.8320

■ 232.7010, -0.5960,
-0.2120

■ 243.6870, 11.1870,
1.0030

■ 247.2090, 9.5370,
-2.1350

■ 251.3180, 7.6120,
-5.7960

■ 252.4920, 7.0620,
-6.8420

Harmonies

Analogous

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



174.7240, -61.2970, -17.9770



178.0590, -60.3820, -7.0220



184.8430, -41.6780, 6.4340

Triad

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



178.0590, -60.3820, -7.0220



192.5520, 34.3370, 21.9930



184.1420, 10.5030, -19.6490

Complementary

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



178.0590, -60.3820, -7.0220



170.9410, 60.3820, 7.0220

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.



186.9600, 31.8670, -10.3490



178.0590, -60.3820, -7.0220



191.2570, 45.1130, 13.9210

Square

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



178.0590, -60.3820, -7.0220



192.8840, 12.9710, 23.7470



189.0960, 43.6480, 1.9200



180.5610, -15.7220, -23.4500

Rectangle

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



178.0590, -60.3820, -7.0220



189.1660, -23.2940, 14.6740



189.0960, 43.6480, 1.9200



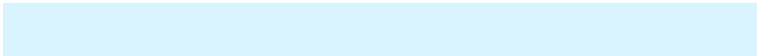
185.0290, 18.2510, -16.8930

Sweetspot

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



178.0590, -60.3820, -7.0220



237.1810, -19.6230, -2.3030



188.4410, -42.7680, -50.9280



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.



178.0590, -60.3820, -7.0220



183.4250, -79.0880, -9.4240



144.0130, -44.4320, 23.3120



111.9500, -5.7310, -0.7630



96.3570, -93.5760, -11.1760



28.4620, -27.7840, -3.0800

Inverse Universe

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



160.4450, 43.0890, 50.6170



160.1730, 56.1990, 66.3350



204.9870, 44.4320, -23.3120



110.2010, 3.9880, 4.8200



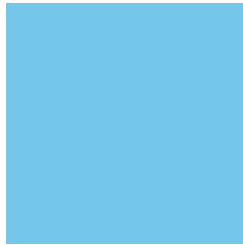
68.8250, 66.4670, 78.4910



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 178.0590, -60.3820, -7.0220 looks on a white background.

Color Contrast Check

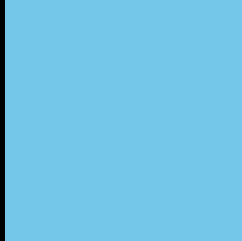
Large Text (above 18pt) WCAG AA × Fail

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 178.0590, -60.3820, -7.0220 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 178.0590, -60.3820, -7.0220

Background



This preview shows how black text looks on a background with the YIQ color 178.0590, -60.3820, -7.0220.



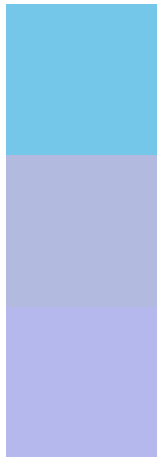
This preview shows how white text looks on a background with the YIQ color 178.0590, -60.3820, -7.0220.

-7.0220.

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

178.0590, -60.3820, -7.0220

Protanopia

188.2390, -16.3700, 10.3340

Deuteranopia

188.7320, -19.0760, 15.3240



Tritanopia

176.6150, -59.3720, -14.3160

Trichromacy



Original Color

178.0590, -60.3820, -7.0220

Protanomaly

184.6390, -32.4160, 3.7760

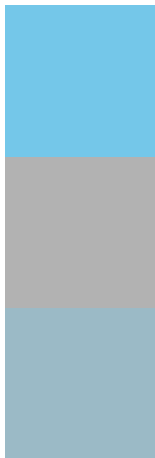
Deuteranomaly

184.6760, -33.8380, 7.5220

Tritanomaly

177.1960, -59.5100, -11.8140

Monochromacy



Original Color

178.0590, -60.3820, -7.0220

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0990, -22.3280, -2.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0590, -60.3820, -7.0220 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(116, 199, 233)` looks like.

```
.text, #text, p{  
    color:rgb(116, 199, 233)  
}
```

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(116, 199, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 199, 233) }
```

Border

The CSS property to change the border of an element to YIQ 178.0590, -60.3820, -7.0220 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(116, 199, 233) }
```


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

```
.border{ border-color:rgb(116, 199, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 199, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 199, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 199, 233);  
box-shadow:4px 4px 4px 4px rgb(116, 199,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0590, -60.3820, -7.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 199, 233) }
```

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

```
.background{ background-color: rgb(116,  
199, 233) }
```

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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