

Converting Colors

YIQ(177.0470, -60.1080,
-0.9720)

Have a look what the booklet for
YIQ(177.0470, -60.1080, -0.9720)
contains.

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Color

**YIQ(177.0470, -60.1080,
-0.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	77C2F2
RGB	119, 194, 242
RGB Percent	47%, 76%, 95%
CMY	0.5335, 0.2391, 0.0513
CMYK	0.51, 0.20, 0.00, 0.05
HSL	203°, 82%, 71%
HSV	203°, 51%, 95%
XYZ	42.9178, 48.9235, 91.1302
YIQ	177.0470, -60.1080, -0.9720

Conversions

Conversions Part 2

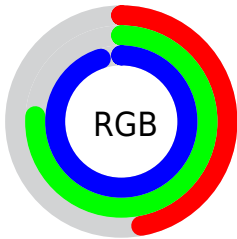
Format	Color
RYB	119, 166, 242
Decimal	7848690
CIELab	75.40, -10.39, -30.89
CIELCh	75, 32.587, 251.409
Yxy	48.9235, 0.2346, 0.2674
Android (android.graphics.Color)	4286038770 (0xFF77C2F2)
YUV	177.0470, 32.0218, -50.9072
Hunter-Lab	69.9453, -12.8783, -28.2859

Details

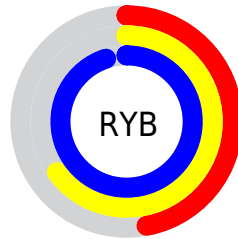
The YIQ color **177.0470, -60.1080, -0.9720** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **183.9530, 60.1080, 0.9720**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7430, -45.1130, -13.9210**, and **120.7260, -63.6380, -3.0780** is the 20% darker color. If you saturate the color by 10%, you get **164.5880, -71.9370, -1.3530**, and if you desaturate by 10%, it is **189.5060, -48.2790, -0.5910**.

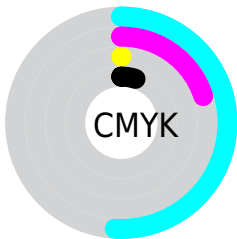
Distribution



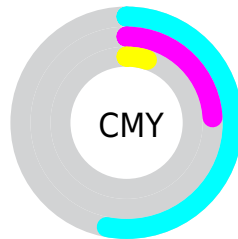
- Red (47%)
- Green (76%)
- Blue (95%)



- Red (47%)
- Yellow (65%)
- Blue (95%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.0470, -60.1080, -0.9720 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 177.0470, -60.1080, -0.9720 by changing the saturation by 10% instead.

■ 177.0470,
-60.1080, -0.9720

■ 177.0470,
-60.1080, -0.9720

■ 255.0000, -0.0000,
-0.0000

■ 148.9220,
-61.2540, -2.2300

■ 228.7430,
-45.1130, -13.9210

■ 121.3130,
-63.9130, -3.6010

■ 240.6480,
-28.6080, -10.1760

■ 89.2190, -75.5120,
-8.1520

■ 249.6180,
-10.7280, -3.8160

■ 68.4650, -67.3970,
-6.5410

■ 51.5270, -52.7720,
-1.7640

■ 35.7630, -38.6970,
1.9670

■ 21.4010, -25.8140,

5.2740

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 177.0470,
-60.1080, -0.9720

■ 177.0470,
-60.1080, -0.9720

■ 164.5880,
-71.9370, -1.3530

■ 189.5060,
-48.2790, -0.5910

■ 151.5420,
-83.4910, -1.2110

■ 202.5520,
-36.7250, -0.7330

■ 138.7840,
-95.9160, -1.8040

■ 215.3100,
-24.3000, -0.1400

■ 125.7380,
-107.4700, -1.6620

■ 228.3560,
-12.7460, -0.2820

■ 114.4640,
-118.3820, -2.1420

■ 240.8150, -0.9170,
0.0990

■ 251.1700, 5.2730,
-1.9510

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

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



169.8460, -73.2640, -15.8560



177.0470, -60.1080, -0.9720



185.1480, -32.0510, 13.6850

Triad

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



177.0470, -60.1080, -0.9720



189.1850, 45.6160, 21.3280



179.4500, -2.2880, -24.6240

Complementary

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



177.0470, -60.1080, -0.9720



183.9530, 60.1080, 0.9720

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.



183.0250, 24.0740, -17.7980



177.0470, -60.1080, -0.9720



187.4330, 50.2490, 8.9450

Square

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



177.0470, -60.1080, -0.9720



190.5930, 27.0920, 26.6440



185.2820, 42.8240, -5.1760



174.8840, -32.8690, -26.5730

Rectangle

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



177.0470, -60.1080, -0.9720



188.3250, -10.3200, 21.8400



185.2820, 42.8240, -5.1760



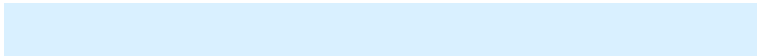
180.2940, 7.0190, -22.5890

Sweetspot

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



177.0470, -60.1080, -0.9720



234.8330, -18.5230, -0.2110



196.5590, -48.9120, -49.7120



115.8400, -11.2330, -0.1690



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.



177.0470, -60.1080, -0.9720



172.5490, -76.2010, -1.1690



141.2400, -43.3330, 30.9310



113.4770, -5.7770, 0.0710



86.7200, -89.8640, -1.3520



26.3420, -27.3260, -0.3660

Inverse Universe

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



164.3270, 49.2330, 49.4010



156.4740, 62.4810, 62.6170



219.7600, 43.3330, -30.9310



112.3860, 4.9050, 4.7210



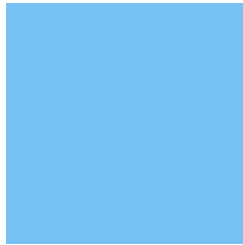
67.7840, 73.7120, 73.8400



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 177.0470, -60.1080, -0.9720 looks on a white background.

Color Contrast Check

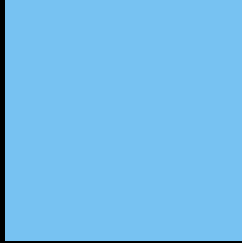
Large Text (above 18pt) WCAG AA × Fail

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 177.0470, -60.1080, -0.9720 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

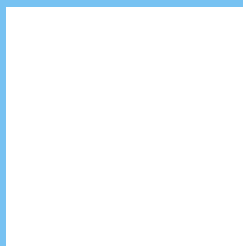
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 177.0470, -60.1080, -0.9720

Background



This preview shows how black text looks on a background with the YIQ color 177.0470, -60.1080, -0.9720.



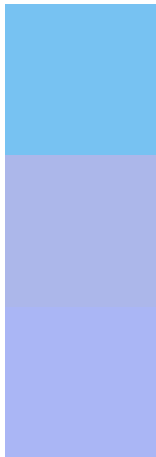
This preview shows how white text looks on a background with the YIQ color 177.0470, -60.1080,

-0.9720.

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

177.0470, -60.1080, -0.9720

Protanopia

185.5250, -22.9270, 13.5290

Deuteranopia

185.5940, -27.3750, 17.0490



Tritanopia

174.2130, -58.1800, -13.8920

Trichromacy



Original Color

177.0470, -60.1080, -0.9720

Protanomaly

182.5340, -36.3140, 8.3420

Deuteranomaly

182.1470, -39.4780, 10.6180

Tritanomaly

175.0760, -59.0520, -9.1000

Monochromacy



Original Color

177.0470, -60.1080, -0.9720

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9790, -21.8700, -0.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0470, -60.1080, -0.9720 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, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(119, 194, 242)  
}
```

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, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 194, 242) }
```

Border

The CSS property to change the border of an element to YIQ 177.0470, -60.1080, -0.9720 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, 194, 242) }
```


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

```
.border{ border-color:rgb(119, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(119, 194,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0470, -60.1080, -0.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 194, 242) }
```

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

```
.background{ background-color: rgb(119,  
194, 242) }
```

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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