

Converting Colors

YIQ(175.2630, -60.4760, 5.7000)

Have a look what the booklet for
YIQ(175.2630, -60.4760, 5.7000)
contains.

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Color

**YIQ(175.2630, -60.4760,
5.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	79BCFC
RGB	121, 188, 252
RGB Percent	47%, 74%, 99%
CMY	0.5256, 0.2626, 0.0121
CMYK	0.52, 0.25, 0.00, 0.01
HSL	209°, 96%, 73%
HSV	209°, 52%, 99%
XYZ	43.4291, 47.0649, 98.8296
YIQ	175.2630, -60.4760, 5.7000

Conversions

Conversions Part 2

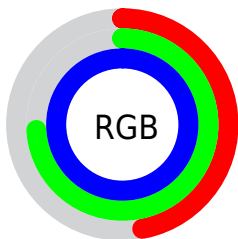
Format	Color
R _Y B	121, 165, 252
Decimal	7978236
CIE Lab	74.23, -3.82, -38.07
CIE LCh	74, 38.265, 264.273
Yxy	47.0649, 0.2294, 0.2486
Android (android.graphics.Color)	4286168316 (0xFF79BCFC)
YUV	175.2630, 37.8313, -47.5887
Hunter-Lab	68.6039, -7.0587, -37.3895

Details

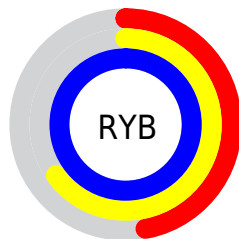
The YIQ color **175.2630, -60.4760, 5.7000** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.7370, 60.4760, -5.7000**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.1180, -41.6750, -10.1470**, and **119.1160, -64.5560, 2.5480** is the 20% darker color. If you saturate the color by 10%, you get **160.7440, -72.0760, 6.6760**, and if you desaturate by 10%, it is **189.7820, -48.8760, 4.7240**.

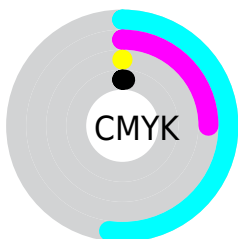
Distribution



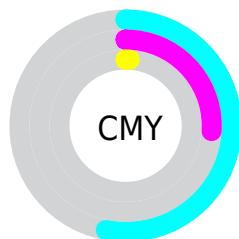
- Red (47%)
- Green (74%)
- Blue (99%)



- Red (47%)
- Yellow (65%)
- Blue (99%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (1%)



- Cyan (53%)
- Magenta (26%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.2630, -60.4760, 5.7000 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 175.2630, -60.4760, 5.7000 by changing the saturation by 10% instead.

■ 175.2630,
-60.4760, 5.7000

■ 175.2630,
-60.4760, 5.7000

■ 255.0000, -0.0000,
-0.0000

■ 147.1380,
-61.6220, 4.4420

■ 226.1180,
-41.6750, -10.1470

■ 119.1160,
-64.5560, 2.5480

■ 241.2460,
-27.4160, -9.7520

■ 87.0110, -77.6220,
-2.9500

■ 250.2160, -9.5360,
-3.3920

■ 66.5560, -68.9110,
-1.1270

■ 50.0910, -54.2400,
2.8160

■ 34.3270, -40.1650,
6.5470

■ 19.8510, -26.9610,

9.5430

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 175.2630,
-60.4760, 5.7000

■ 175.2630,
-60.4760, 5.7000

■ 160.7440,
-72.0760, 6.6760

■ 189.7820,
-48.8760, 4.7240

■ 145.6380,
-83.4010, 8.1750

■ 204.8880,
-37.5510, 3.2250

■ 130.8200,
-95.5970, 8.9390

■ 219.7060,
-25.3550, 2.4610

■ 116.3010,
-107.1970, 9.9150

■ 234.2250,
-13.7550, 1.4850

■ 104.4510,
-116.3670, 10.9050

■ 248.7440, -2.1550,
0.5090

254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



161.7220, -93.3460, -15.3460



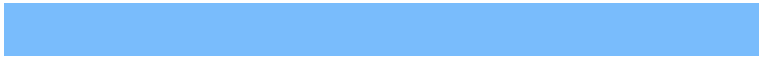
175.2630, -60.4760, 5.7000



184.3930, -22.1950, 22.2930

Triad

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



175.2630, -60.4760, 5.7000



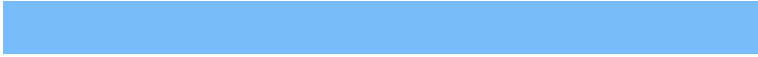
184.8780, 56.6660, 19.3060



172.2630, -18.0590, -30.6590

Complementary

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



175.2630, -60.4760, 5.7000



197.7370, 60.4760, -5.7000

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.



177.2040, 15.9600, -24.9360



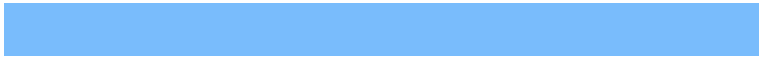
175.2630, -60.4760, 5.7000



183.3810, 56.0270, 3.3470

Square

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



175.2630, -60.4760, 5.7000



186.9000, 42.4050, 29.9650



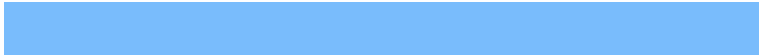
180.6420, 41.4500, -13.3180



165.0320, -56.8930, -31.7170

Rectangle

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



175.2630, -60.4760, 5.7000



186.7830, 3.2500, 29.2180



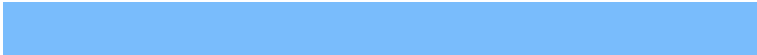
180.6420, 41.4500, -13.3180



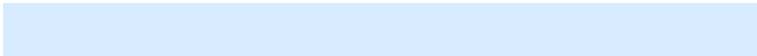
174.2490, -6.2760, -29.4440

Sweetspot

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



175.2630, -60.4760, 5.7000



231.0010, -18.9360, 1.7680



205.0790, -56.2480, -48.9200



113.4810, -11.6000, 0.9760



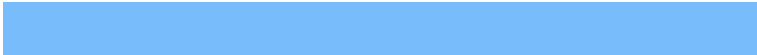
0.0000, 0.0000, 0.0000



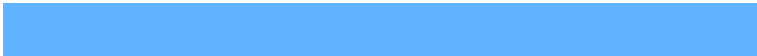
128.0000, -0.0000, -0.0000

Same Dimension

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



175.2630, -60.4760, 5.7000



162.5590, -72.9930, 6.7750



137.1080, -42.6010, 39.6950



117.5910, -6.0980, 0.3820



78.4850, -87.3440, 8.0480



25.1510, -28.1060, 2.7580

Inverse Universe

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



167.8070, 56.5690, 48.6090



153.4760, 68.1670, 58.6870



235.8920, 42.6010, -39.6950



116.6850, 5.5010, 4.9330



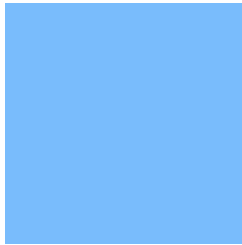
67.5690, 81.5070, 70.2350



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 175.2630, -60.4760, 5.7000 looks on a white background.

Color Contrast Check

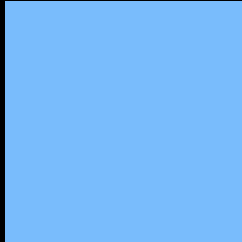
Large Text (above 18pt) WCAG AA × Fail

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 175.2630, -60.4760, 5.7000 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

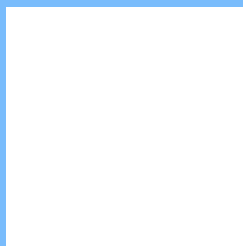
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.2630, -60.4760, 5.7000

Background



This preview shows how black text looks on a background with the YIQ color 175.2630, -60.4760, 5.7000.

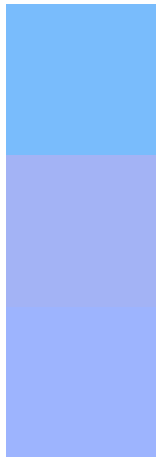


This preview shows how white text looks on a background with the YIQ color 175.2630, -60.4760,

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

175.2630, -60.4760, 5.7000

Protanopia

181.7400, -30.7220, 17.1340

Deuteranopia

181.5590, -37.4620, 18.1380



Tritanopia

171.0990, -57.8590, -14.2030

Trichromacy



Original Color

175.2630, -60.4760, 5.7000

Protanomaly

179.3580, -41.4500, 13.3180

Deuteranomaly

179.3190, -45.7140, 13.5020

Tritanomaly

172.5430, -58.8690, -6.9090

Monochromacy



Original Color

175.2630, -60.4760, 5.7000

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1470, -22.2830, 1.8530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2630, -60.4760, 5.7000 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(121, 188, 252)` looks like.

```
.text, #text, p{  
    color:rgb(121, 188, 252)  
}
```

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(121, 188, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 188, 252) }
```

Border

The CSS property to change the border of an element to YIQ 175.2630, -60.4760, 5.7000 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(121, 188, 252) }
```


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

```
.border{ border-color:rgb(121, 188, 252) }
```

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

Here you see how a box with a 4 pixel rgb(121, 188, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 188, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 188, 252);  
box-shadow:4px 4px 4px 4px rgb(121, 188,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2630, -60.4760, 5.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 188, 252) }
```

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

```
.background{ background-color: rgb(121,  
188, 252) }
```

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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