

Converting Colors

YIQ(171.3930, -57.7260,
10.9300)

Have a look what the booklet for
YIQ(171.3930, -57.7260, 10.9300)
contains.

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Color

**YIQ(171.3930, -57.7260,
10.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB4FE
RGB	123, 180, 254
RGB Percent	48%, 71%, 100%
CMY	0.5177, 0.2940, 0.0042
CMYK	0.52, 0.29, 0.00, 0.00
HSL	214°, 98%, 74%
HSV	214°, 52%, 100%
XYZ	42.3689, 44.0126, 99.9668
YIQ	171.3930, -57.7260, 10.9300

Conversions

Conversions Part 2

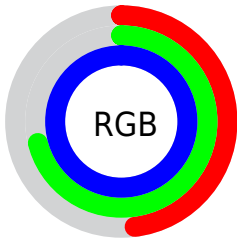
Format	Color
RYB	123, 163, 254
Decimal	8107262
CIELab	72.24, 1.62, -42.25
CIELCh	72, 42.283, 272.193
Yxy	44.0126, 0.2274, 0.2362
Android (android.graphics.Color)	4286297342 (0xFF7BB4FE)
YUV	171.3930, 40.7253, -42.4407
Hunter-Lab	66.3420, -2.1005, -42.9012

Details

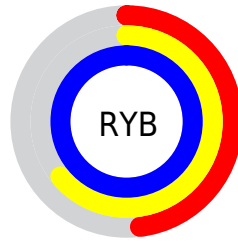
The YIQ color **171.3930, -57.7260, 10.9300** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **205.6070, 57.7260, -10.9300**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.0200, -38.2830, -5.5390**, and **115.8330, -62.0810, 7.2550** is the 20% darker color. If you saturate the color by 10%, you get **155.7000, -68.7760, 12.9520**, and if you desaturate by 10%, it is **187.0860, -46.6760, 8.9080**.

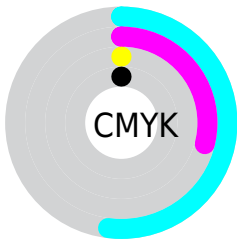
Distribution



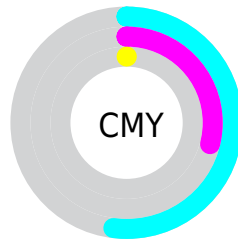
- Red (48%)
- Green (71%)
- Blue (100%)



- Red (48%)
- Yellow (64%)
- Blue (100%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3930, -57.7260, 10.9300 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 171.3930, -57.7260, 10.9300 by changing the saturation by 10% instead.

■ 171.3930,
-57.7260, 10.9300

■ 171.3930,
-57.7260, 10.9300

■ 255.0000, -0.0000,
-0.0000

■ 143.2680,
-58.8720, 9.6720

■ 222.0200,
-38.2830, -5.5390

■ 115.8330,
-62.0810, 7.2550

■ 241.8440,
-26.2240, -9.3280

■ 84.8100, -72.4420,
2.2940

■ 250.8140, -8.3440,
-2.9680

■ 62.6750, -67.6280,
3.1560

■ 46.7970, -53.2320,
6.5760

■ 31.6200, -39.4320,
9.7840

■ 15.9700, -25.6780,

13.8260

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 171.3930,
-57.7260, 10.9300

■ 171.3930,
-57.7260, 10.9300

■ 155.7000,
-68.7760, 12.9520

■ 187.0860,
-46.6760, 8.9080

■ 139.1210,
-80.1470, 15.2850

■ 203.6650,
-35.3050, 6.5750

■ 123.4280,
-91.1970, 17.3070

■ 219.3580,
-24.2550, 4.5530

■ 107.4360,
-102.8430, 19.1170

■ 235.3500,
-12.6090, 2.7430

■ 94.1130,
-112.0590, 20.9410

■ 251.6300, -1.8340,
0.1980

254.8860, 0.3210,
-0.3110

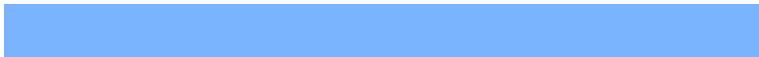
Harmonies

Analogous

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



150.5120, -110.3100, -16.2780



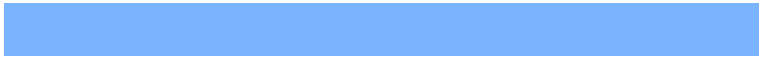
171.3930, -57.7260, 10.9300



180.4590, -13.3930, 27.9750

Triad

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



171.3930, -57.7260, 10.9300



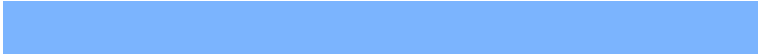
178.2330, 62.8560, 17.2560



163.0270, -32.1340, -34.3900

Complementary

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



171.3930, -57.7260, 10.9300



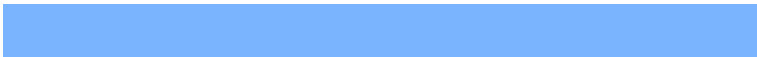
205.6070, 57.7260, -10.9300

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.



169.8500, 8.0290, -29.8830



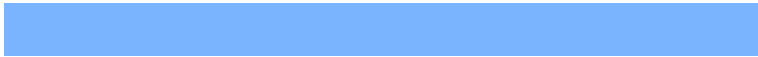
171.3930, -57.7260, 10.9300



176.7030, 57.8160, -1.5440

Square

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



171.3930, -57.7260, 10.9300



180.2170, 51.7580, 31.1660



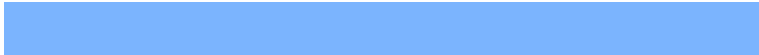
174.0990, 38.4250, -19.0710



150.0980, -83.6220, -37.3980

Rectangle

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



171.3930, -57.7260, 10.9300



182.3930, 13.3360, 33.6560



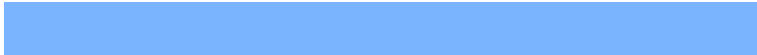
174.0990, 38.4250, -19.0710



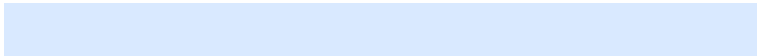
165.5680, -17.6000, -33.4720

Sweetspot

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



171.3930, -57.7260, 10.9300



230.7240, -16.5980, 3.4500



208.1050, -59.1370, -46.1210



113.4920, -10.1330, 1.9230



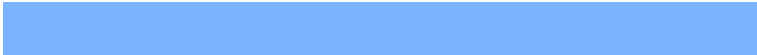
0.0000, 0.0000, 0.0000



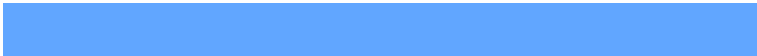
128.0000, -0.0000, -0.0000

Same Dimension

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



171.3930, -57.7260, 10.9300



155.5150, -69.6930, 13.0510



140.0270, -37.8790, 42.2250



119.4170, -5.5480, 1.4280



70.4950, -84.1360, 15.9920



23.7320, -28.2440, 5.2600

Inverse Universe

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



168.6670, 59.7790, 45.4990



152.1080, 72.0190, 54.9550



236.9730, 37.8790, -42.2250



119.4570, 6.1430, 4.3110



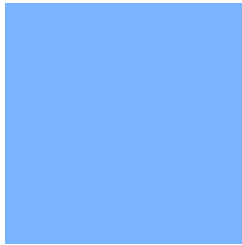
66.5710, 87.1930, 66.3050



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 171.3930, -57.7260, 10.9300 looks on a white background.

Color Contrast Check

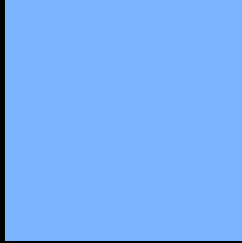
Large Text (above 18pt) WCAG AA × Fail

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 171.3930, -57.7260, 10.9300 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

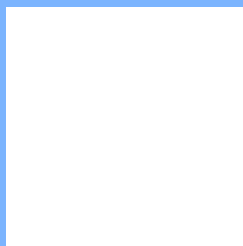
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.3930, -57.7260, 10.9300

Background



This preview shows how black text looks on a background with the YIQ color 171.3930, -57.7260, 10.9300.



This preview shows how white text looks on a background with the YIQ color 171.3930, -57.7260,

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

171.3930, -57.7260, 10.9300

Protanopia

176.2710, -36.5910, 18.8730

Deuteranopia

175.1500, -43.5600, 18.5200



Tritanopia

166.0070, -54.6040, -12.6200

Trichromacy



Original Color

171.3930, -57.7260, 10.9300

Protanomaly

174.3840, -44.3390, 16.1170

Deuteranomaly

173.9320, -48.8780, 15.7780

Tritanomaly

168.0920, -55.9810, -4.1810

Monochromacy



Original Color

171.3930, -57.7260, 10.9300

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.0980, -20.5870, 4.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3930, -57.7260, 10.9300 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(123, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(123, 180, 254)  
}
```

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(123, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 180, 254) }
```

Border

The CSS property to change the border of an element to YIQ 171.3930, -57.7260, 10.9300 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(123, 180, 254) }
```


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

```
.border{ border-color:rgb(123, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(123, 180,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3930, -57.7260, 10.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 180, 254) }
```

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

```
.background{ background-color: rgb(123,  
180, 254) }
```

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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