

Converting Colors

YIQ(177.8370, -86.2400,
-11.9680)

Have a look what the booklet for
YIQ(177.8370, -86.2400, -11.9680)
contains.

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Color

**YIQ(177.8370, -86.2400,
-11.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	58D1FD
RGB	88, 209, 253
RGB Percent	35%, 82%, 99%
CMY	0.6551, 0.1802, 0.0082
CMYK	0.65, 0.17, 0.00, 0.01
HSL	196°, 98%, 67%
HSV	196°, 65%, 99%
XYZ	44.5455, 54.7832, 101.0748
YIQ	177.8370, -86.2400, -11.9680

Conversions

Conversions Part 2

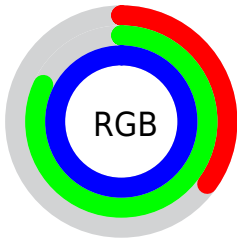
Format	Color
R _Y B	88, 158, 253
Decimal	5820925
CIE Lab	78.92, -20.74, -31.45
CIE LCh	79, 37.674, 236.598
Yxy	54.7832, 0.2223, 0.2734
Android (android.graphics.Color)	4284011005 (0xFF58D1FD)
YUV	177.8370, 37.0554, -78.7870
Hunter-Lab	74.0156, -22.0991, -29.1547

Details

The YIQ color **177.8370, -86.2400, -11.9680** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **163.1630, 86.2400, 11.9680**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.5020, -60.7920, -21.6240**, and **112.7420, -105.2660, -19.5860** is the 20% darker color. If you saturate the color by 10%, you get **166.2530, -99.2150, -13.6070**, and if you desaturate by 10%, it is **189.4210, -73.2650, -10.3290**.

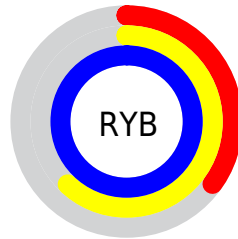
Distribution



Red (35%)

Green (82%)

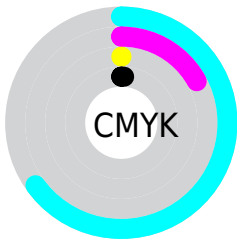
Blue (99%)



Red (35%)

Yellow (62%)

Blue (99%)

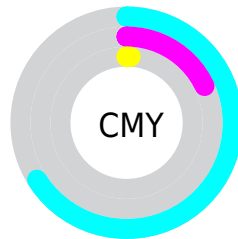


Cyan (65%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (66%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.8370, -86.2400, -11.9680 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 177.8370, -86.2400, -11.9680 by changing the saturation by 10% instead.

■ 177.8370,
-86.2400, -11.9680

■ 177.8370,
-86.2400, -11.9680

■ 255.0000, -0.0000,
-0.0000

■ 146.1350,
-93.0710, -14.8230

■ 224.5020,
-60.7920, -21.6240

■ 112.7420,
-105.2660, -19.5860

■ 233.7710,
-42.3160, -15.0520

■ 94.4020, -89.4490,
-14.3850

■ 243.0400,
-23.8400, -8.4800

■ 76.6490, -73.9070,
-9.7070

■ 252.3090, -5.3640,
-1.9080

■ 59.5970, -58.9610,
-5.2410

■ 43.3600, -44.9320,
-0.6760

■ 28.2970, -31.4530,

2.8430

■ 7.0050, -15.5910,
12.7370

■ 3.3230, -7.9790,
6.9410

■ 177.8370,
-86.2400, -11.9680

■ 177.8370,
-86.2400, -11.9680

■ 166.2530,
-99.2150, -13.6070

■ 189.4210,
-73.2650, -10.3290

■ 154.9570,
-113.0610, -15.9810

■ 200.7170,
-59.4190, -7.9550

■ 143.3730,
-126.0360, -17.6200

■ 212.3010,
-46.4440, -6.3160

■ 138.0240,
-132.3630, -18.5950

■ 223.8850,
-33.4690, -4.6770

■ 235.4690,
-20.4940, -3.0380

■ 246.7650, -6.6480,
-0.6640

254.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



172.6110, -89.0800, -26.5840



177.8370, -86.2400, -11.9680



188.6290, -52.8190, 4.5970

Triad

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



177.8370, -86.2400, -11.9680



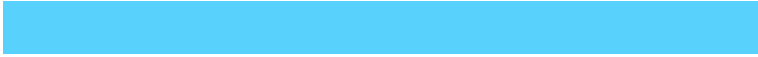
198.3620, 40.9840, 28.1840



190.1220, 13.2550, -25.4730

Complementary

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



177.8370, -86.2400, -11.9680



163.1630, 86.2400, 11.9680

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.



193.6310, 39.9830, -14.2650



177.8370, -86.2400, -11.9680



195.5460, 51.6690, 16.2530

Square

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



177.8370, -86.2400, -11.9680



200.5520, 17.1420, 30.7580



196.1420, 55.2020, 1.7780



184.7080, -20.8100, -30.3620

Rectangle

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



177.8370, -86.2400, -11.9680



194.6970, -29.1630, 16.4130



196.1420, 55.2020, 1.7780



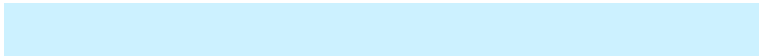
191.0910, 23.7080, -22.1800

Sweetspot

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



177.8370, -86.2400, -11.9680



231.5330, -26.5460, -3.4900



189.5290, -58.5360, -73.5440



113.4480, -16.0010, -1.8650



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.



177.8370, -86.2400, -11.9680



164.3880, -104.0290, -14.4690



130.8770, -64.2400, 29.8720



121.7650, -6.6480, -0.6640



103.9540, -99.8110, -13.8190



34.8850, -33.4690, -4.6770

Inverse Universe

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



151.1290, 59.4990, 72.6110



132.1450, 71.7380, 87.5940



210.1230, 64.2400, -29.8720



119.9130, 4.8590, 5.5550



73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 177.8370, -86.2400, -11.9680 looks on a white background.

Color Contrast Check

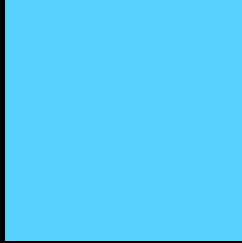
Large Text (above 18pt) WCAG AA × Fail

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 177.8370, -86.2400, -11.9680 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 177.8370, -86.2400, -11.9680 Background



This preview shows how black text looks on a background with the YIQ color 177.8370, -86.2400, -11.9680.



This preview shows how white text looks on a background with the YIQ color 177.8370, -86.2400, -11.9680.

-11.9680.

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

177.8370, -86.2400, -11.9680

Protanopia

194.5960, -21.6890, 13.1190

Deuteranopia

194.7080, -27.6960, 17.3600



Tritanopia

173.9750, -87.1090, -23.7570

Trichromacy



Original Color

177.8370, -86.2400, -11.9680

Protanomaly

188.4080, -44.8870, 4.0170

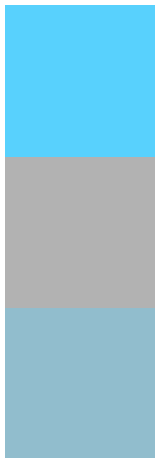
Deuteranomaly

188.8360, -48.9680, 6.3920

Tritanomaly

175.4960, -87.0180, -19.8980

Monochromacy



Original Color

177.8370, -86.2400, -11.9680

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.6680, -31.3600, -4.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.8370, -86.2400, -11.9680 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(88, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(88, 209, 253)  
}
```

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(88, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 209, 253) }
```

Border

The CSS property to change the border of an element to YIQ 177.8370, -86.2400, -11.9680 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(88, 209, 253) }
```


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

```
.border{ border-color:rgb(88, 209, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 209, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(88, 209,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 177.8370, -86.2400, -11.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 209, 253) }
```

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

```
.background{ background-color: rgb(88, 209,  
253) }
```

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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