

Converting Colors

YIQ(183.3080, -56.3490, 2.4910)

Have a look what the booklet for
YIQ(183.3080, -56.3490, 2.4910)
contains.

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Color

**YIQ(183.3080, -56.3490,
2.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	83C5FA
RGB	131, 197, 250
RGB Percent	51%, 77%, 98%
CMY	0.4864, 0.2273, 0.0199
CMYK	0.48, 0.21, 0.00, 0.02
HSL	207°, 92%, 75%
HSV	207°, 48%, 98%
XYZ	46.5725, 51.6658, 97.9049
YIQ	183.3080, -56.3490, 2.4910

Conversions

Conversions Part 2

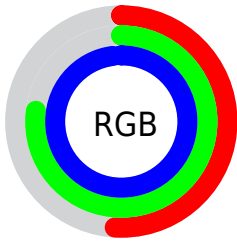
Format	Color
RYB	131, 173, 250
Decimal	8635898
CIELab	77.08, -7.02, -32.56
CIELCh	77, 33.304, 257.824
Yxy	51.6658, 0.2374, 0.2634
Android (android.graphics.Color)	4286825978 (0xFF83C5FA)
YUV	183.3080, 32.8792, -45.8741
Hunter-Lab	71.8789, -10.1327, -30.4424

Details

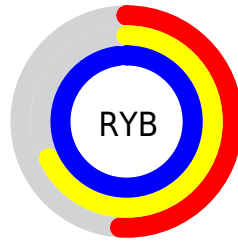
The YIQ color **183.3080, -56.3490, 2.4910** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.6920, 56.3490, -2.4910**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.6790, -39.0610, -13.4690**, and **127.4710, -58.3660, 0.4980** is the 20% darker color. If you saturate the color by 10%, you get **169.3760, -68.2240, 2.9440**, and if you desaturate by 10%, it is **197.2400, -44.4740, 2.0380**.

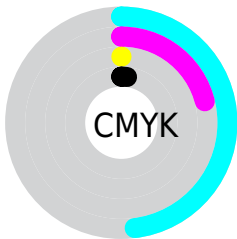
Distribution



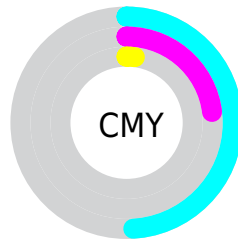
- Red (51%)
- Green (77%)
- Blue (98%)



- Red (51%)
- Yellow (68%)
- Blue (98%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.3080, -56.3490, 2.4910 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 183.3080, -56.3490, 2.4910 by changing the saturation by 10% instead.

■ 183.3080,
-56.3490, 2.4910

■ 183.3080,
-56.3490, 2.4910

■ 255.0000, -0.0000,
-0.0000

■ 155.4820,
-56.8990, 1.4450

■ 234.6790,
-39.0610, -13.4690

■ 127.4710,
-58.3660, 0.4980

■ 243.9370,
-22.0520, -7.8440

■ 99.5520, -63.0880,
-2.0320

■ 252.9070, -4.1720,
-1.4840

■ 70.4370, -70.1940,
-5.4100

■ 54.0860, -55.8440,
-1.1560

■ 38.3220, -41.7690,
2.5750

■ 23.8460, -28.5650,

5.5710

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 183.3080,
-56.3490, 2.4910

■ 183.3080,
-56.3490, 2.4910

■ 169.3760,
-68.2240, 2.9440

■ 197.2400,
-44.4740, 2.0380

■ 155.4440,
-80.0990, 3.3970

■ 211.1720,
-32.5990, 1.5850

■ 141.5120,
-91.9740, 3.8500

■ 225.1040,
-20.7240, 1.1320

■ 127.5800,
-103.8490, 4.3030

■ 239.0360, -8.8490,
0.6790

■ 113.0610,
-115.4490, 5.2790

■ 253.2560, 2.1550,
-0.5090

■ 110.0930,
-118.4750, 5.0530

■ 254.4300, 1.6050,
-1.5550

Harmonies

Analogous

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



174.9430, -74.9150, -13.4670



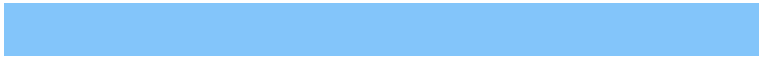
183.3080, -56.3490, 2.4910



191.0780, -25.8620, 17.1620

Triad

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



183.3080, -56.3490, 2.4910



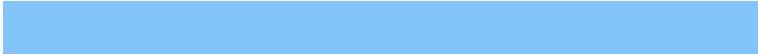
193.6860, 48.4590, 19.3630



182.6880, -8.8900, -26.1220

Complementary

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



183.3080, -56.3490, 2.4910



197.6920, 56.3490, -2.4910

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.



186.5190, 19.6270, -19.8050



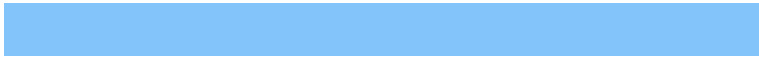
183.3080, -56.3490, 2.4910



191.7380, 50.7080, 6.1320

Square

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



183.3080, -56.3490, 2.4910



195.1160, 32.8690, 26.5730



189.5050, 40.5780, -8.5260



177.4640, -40.4340, -27.1380

Rectangle

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



183.3080, -56.3490, 2.4910



194.2010, -4.0390, 23.6490



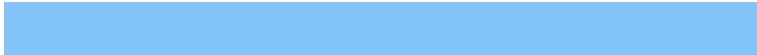
189.5050, 40.5780, -8.5260



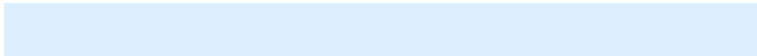
184.3040, 1.0590, -24.7090

Sweetspot

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



183.3080, -56.3490, 2.4910



234.8440, -17.0560, 0.7360



206.7810, -49.4170, -46.0650



115.5520, -10.3620, 0.5660



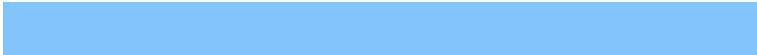
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



183.3080, -56.3490, 2.4910



173.4900, -68.5450, 3.2550



149.2620, -40.3990, 32.8250



117.5910, -6.0980, 0.3820



83.1810, -89.5440, 3.8640



26.9120, -28.9310, 1.1890

Inverse Universe

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



174.1050, 49.7380, 45.7540



162.4750, 60.7400, 55.6200



231.7380, 40.3990, -32.8250



116.6850, 5.5010, 4.9330



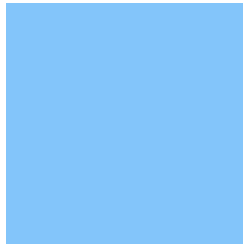
68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 183.3080, -56.3490, 2.4910 looks on a white background.

Color Contrast Check

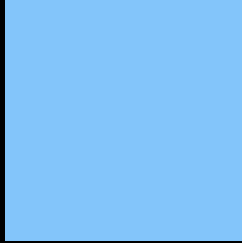
Large Text (above 18pt) WCAG AA × Fail

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 183.3080, -56.3490, 2.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

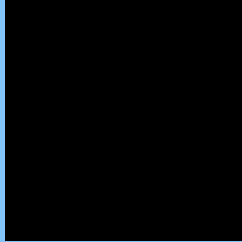
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

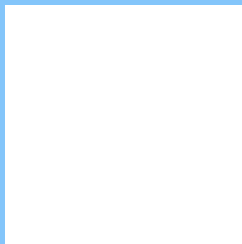
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 183.3080, -56.3490, 2.4910

Background



This preview shows how black text looks on a background with the YIQ color 183.3080, -56.3490, 2.4910.



This preview shows how white text looks on a background with the YIQ color 183.3080, -56.3490, 2.4910.

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

183.3080, -56.3490, 2.4910

Protanopia

189.7960, -25.1280, 14.8720

Deuteranopia

190.2240, -29.2090, 17.2470



Tritanopia

180.3060, -54.0080, -12.4080

Trichromacy



Original Color

183.3080, -56.3490, 2.4910

Protanomaly

187.7020, -36.7270, 10.3210

Deuteranomaly

187.9730, -38.9280, 11.6640

Tritanomaly

181.5820, -54.6050, -7.0930

Monochromacy



Original Color

183.3080, -56.3490, 2.4910

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.9900, -20.4030, 0.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.3080, -56.3490, 2.4910 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(131, 197, 250)` looks like.

```
.text, #text, p{  
    color:rgb(131, 197, 250)  
}
```

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(131, 197, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 197, 250) }
```

Border

The CSS property to change the border of an element to YIQ 183.3080, -56.3490, 2.4910 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(131, 197, 250) }
```


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

```
.border{ border-color:rgb(131, 197, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 197, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 197, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 197, 250);  
box-shadow:4px 4px 4px 4px rgb(131, 197,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 183.3080, -56.3490, 2.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 197, 250) }
```

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

```
.background{ background-color: rgb(131,  
197, 250) }
```

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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