

Converting Colors

YIQ(177.9500, -49.2890, 6.7030)

Have a look what the booklet for
YIQ(177.9500, -49.2890, 6.7030)
contains.

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Color

**YIQ(177.9500, -49.2890,
6.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	87BBF4
RGB	135, 187, 244
RGB Percent	53%, 73%, 96%
CMY	0.4707, 0.2666, 0.0434
CMYK	0.45, 0.23, 0.00, 0.04
HSL	211°, 83%, 74%
HSV	211°, 45%, 96%
XYZ	44.0829, 47.2270, 92.3316
YIQ	177.9500, -49.2890, 6.7030

Conversions

Conversions Part 2

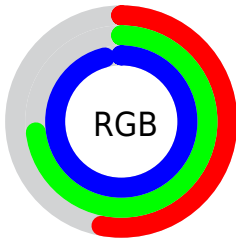
Format	Color
R _Y B	135, 170, 244
Decimal	8895476
CIE Lab	74.33, -2.34, -33.55
CIE LCh	74, 33.636, 266.008
Yxy	47.2270, 0.2400, 0.2572
Android (android.graphics.Color)	4287085556 (0xFF87BBF4)
YUV	177.9500, 32.5627, -37.6671
Hunter-Lab	68.7219, -5.7612, -31.5540

Details

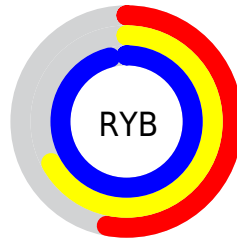
The YIQ color **177.9500, -49.2890, 6.7030** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.0500, 49.2890, -6.7030**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1190, -34.2480, -7.0800**, and **123.4120, -50.7100, 4.9220** is the 20% darker color. If you saturate the color by 10%, you get **163.1430, -60.0180, 8.4140**, and if you desaturate by 10%, it is **192.7570, -38.5600, 4.9920**.

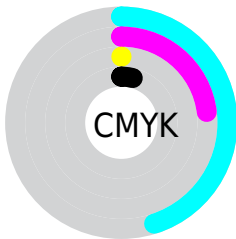
Distribution



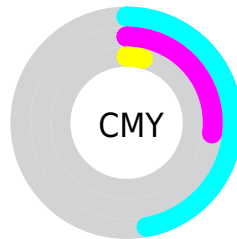
- Red (53%)
- Green (73%)
- Blue (96%)



- Red (53%)
- Yellow (67%)
- Blue (96%)



- Cyan (45%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.9500, -49.2890, 6.7030 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 177.9500, -49.2890, 6.7030 by changing the saturation by 10% instead.

■ 177.9500,
-49.2890, 6.7030

■ 177.9500,
-49.2890, 6.7030

■ 255.0000, -0.0000,
-0.0000

■ 150.4230,
-49.2430, 5.8690

■ 229.1190,
-34.2480, -7.0800

■ 123.4120,
-50.7100, 4.9220

■ 244.8340,
-20.2640, -7.2080

■ 96.2760, -53.3230,
2.7170

■ 253.8040, -2.3840,
-0.8480

■ 65.1710, -66.3890,
-2.7810

■ 48.7060, -51.7180,
1.1620

■ 33.0560, -37.9640,
5.2040

■ 18.5800, -24.7600,

8.2000

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 177.9500,
-49.2890, 6.7030

■ 177.9500,
-49.2890, 6.7030

■ 163.1430,
-60.0180, 8.4140

■ 192.7570,
-38.5600, 4.9920

■ 148.6240,
-71.6180, 9.3900

■ 207.8630,
-27.2350, 3.4930

■ 133.8170,
-82.3470, 11.1010

■ 222.0830,
-16.2310, 2.3050

■ 118.7110,
-93.6720, 12.6000

■ 237.1890, -4.9060,
0.8060

■ 103.9040,
-104.4010, 14.3110

■ 251.3980, 4.6310,
-1.3290

■ 96.4950,
-110.4990, 14.6930

■ 253.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



168.5350, -73.5860, -10.0180



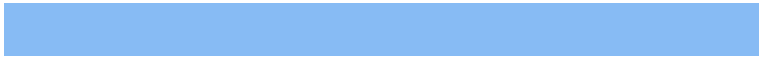
177.9500, -49.2890, 6.7030



184.5630, -16.9220, 20.3420

Triad

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



177.9500, -49.2890, 6.7030



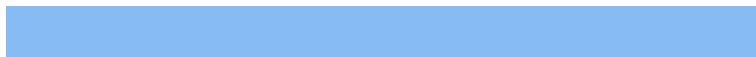
185.3610, 50.7520, 16.3520



173.6700, -17.6470, -27.1110

Complementary

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



177.9500, -49.2890, 6.7030



201.0500, 49.2890, -6.7030

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.



177.9310, 12.4750, -22.3490



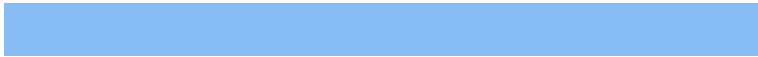
177.9500, -49.2890, 6.7030



183.7330, 49.1040, 2.1600

Square

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



177.9500, -49.2890, 6.7030



187.1120, 38.6920, 25.6680



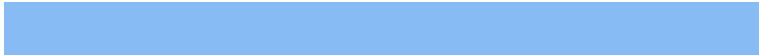
181.0590, 35.9020, -11.8900



168.6740, -49.8330, -27.5050

Rectangle

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



177.9500, -49.2890, 6.7030



186.8600, 4.3510, 25.7830



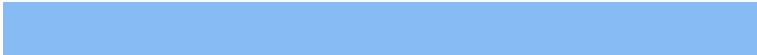
181.0590, 35.9020, -11.8900



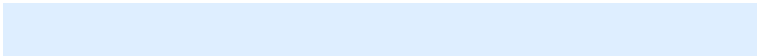
175.4710, -6.7810, -25.7970

Sweetspot

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



177.9500, -49.2890, 6.7030



235.1540, -14.9930, 1.8950



205.3670, -47.9510, -39.5910



115.2640, -9.4910, 1.3010



0.0000, 0.0000, 0.0000



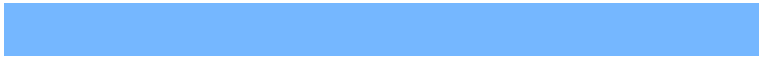
128.0000, -0.0000, -0.0000

Same Dimension

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



177.9500, -49.2890, 6.7030



171.4740, -62.4480, 8.4000



148.0240, -33.7970, 34.3230



114.8900, -5.5020, 0.5940



73.4470, -84.1810, 11.2990



23.1620, -26.6390, 3.7050

Inverse Universe

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



173.5190, 48.2720, 39.2800



165.7860, 61.0620, 49.7820



230.9760, 33.7970, -34.3230



114.2720, 5.2260, 4.4100



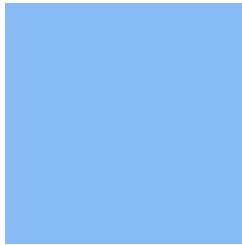
65.7600, 82.2870, 67.1110



20.8330, 26.1760, 21.2160

Previews

White Background



This preview shows how the YIQ color 177.9500, -49.2890, 6.7030 looks on a white background.

Color Contrast Check

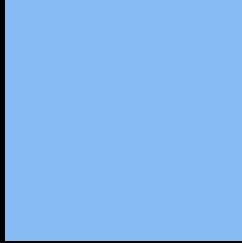
Large Text (above 18pt) WCAG AA × Fail

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 177.9500, -49.2890, 6.7030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

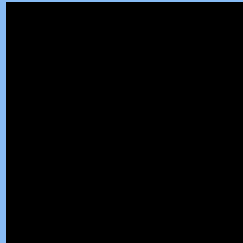
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

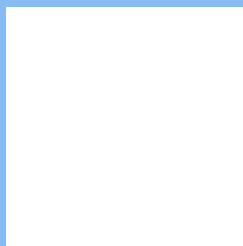
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 177.9500, -49.2890, 6.7030

Background



This preview shows how black text looks on a background with the YIQ color 177.9500, -49.2890, 6.7030.



This preview shows how white text looks on a background with the YIQ color 177.9500, -49.2890,

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

177.9500, -49.2890, 6.7030

Protanopia

182.5400, -27.2830, 15.3810

Deuteranopia

182.7400, -30.7220, 17.1340



Tritanopia

174.4920, -45.6640, -9.4400

Trichromacy



Original Color

177.9500, -49.2890, 6.7030

Protanomaly

181.2400, -35.3060, 12.1020

Deuteranomaly

181.0980, -37.7820, 12.9220

Tritanomaly

175.9960, -46.9030, -3.5030

Monochromacy



Original Color

177.9500, -49.2890, 6.7030

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7130, -18.0650, 2.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.9500, -49.2890, 6.7030 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(135, 187, 244)` looks like.

```
.text, #text, p{  
    color:rgb(135, 187, 244)  
}
```

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(135, 187, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 187, 244) }
```

Border

The CSS property to change the border of an element to YIQ 177.9500, -49.2890, 6.7030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

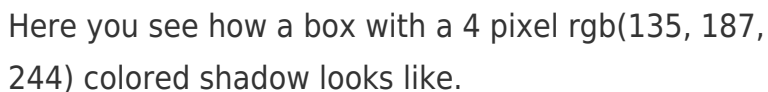
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 187, 244) }
```


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

```
.border{ border-color:rgb(135, 187, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 187, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 187, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 187, 244); box-shadow:4px 4px 4px 4px rgb(135, 187, 244) }
```

Background

The CSS property to change the background color of an element to YIQ 177.9500, -49.2890, 6.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 187, 244) }
```

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

```
.background{ background-color: rgb(135,  
187, 244) }
```

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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