

Converting Colors

YIQ(169.9570, -77.5300,
-4.6180)

Have a look what the booklet for
YIQ(169.9570, -77.5300, -4.6180)
contains.

YIQ(169.9570, -77.5300, -4.6180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(169.9570, -77.5300,
-4.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC2F8
RGB	93, 194, 248
RGB Percent	36%, 76%, 97%
CMY	0.6355, 0.2390, 0.0278
CMYK	0.63, 0.22, 0.00, 0.03
HSL	201°, 92%, 67%
HSV	201°, 63%, 97%
XYZ	40.7396, 47.6987, 95.7940
YIQ	169.9570, -77.5300, -4.6180

Conversions

Conversions Part 2

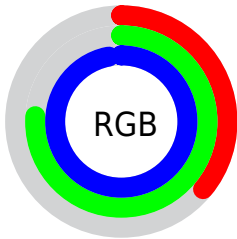
Format	Color
R _Y B	93, 154, 248
Decimal	6144760
CIE Lab	74.63, -13.68, -35.38
CIE LCh	75, 37.927, 248.863
Yxy	47.6987, 0.2211, 0.2589
Android (android.graphics.Color)	4284334840 (0xFF5DC2F8)
YUV	169.9570, 38.4752, -67.4913
Hunter-Lab	69.0643, -15.5690, -33.8919

Details

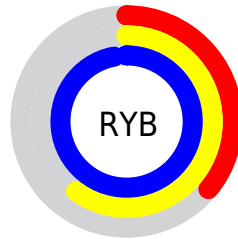
The YIQ color **169.9570, -77.5300, -4.6180** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **171.0430, 77.5300, 4.6180**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4640, -57.6290, -18.3730**, and **103.9540, -99.8110, -13.8190** is the 20% darker color. If you saturate the color by 10%, you get **157.1990, -89.9550, -5.2110**, and if you desaturate by 10%, it is **182.7150, -65.1050, -4.0250**.

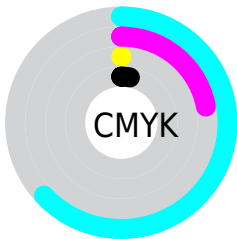
Distribution



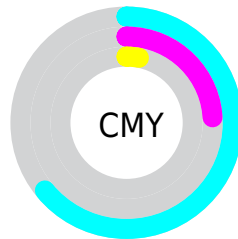
- Red (36%)
- Green (76%)
- Blue (97%)



- Red (36%)
- Yellow (60%)
- Blue (97%)



- Cyan (63%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (64%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.9570, -77.5300, -4.6180 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 169.9570, -77.5300, -4.6180 by changing the saturation by 10% instead.

■ 169.9570,
-77.5300, -4.6180

■ 169.9570,
-77.5300, -4.6180

■ 255.0000, -0.0000,
-0.0000

■ 140.0380,
-82.2520, -7.1480

■ 223.0510,
-57.9040, -18.8960

■ 103.9540,
-99.8110, -13.8190

■ 234.3690,
-41.1240, -14.6280

■ 86.2010, -84.2690,
-9.1410

■ 243.3390,
-23.2440, -8.2680

■ 68.5620, -69.0480,
-4.1520

■ 252.6080, -4.7680,
-1.6960

■ 52.0970, -54.3770,
-0.2090

■ 36.3330, -40.3020,
3.5220

■ 22.4440, -27.3730,

5.9950

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 169.9570,
-77.5300, -4.6180

■ 169.9570,
-77.5300, -4.6180

■ 157.1990,
-89.9550, -5.2110

■ 182.7150,
-65.1050, -4.0250

■ 145.0280,
-102.6550, -6.3270

■ 194.8860,
-52.4050, -2.9090

■ 132.5690,
-114.4840, -6.7080

■ 207.3450,
-40.5760, -2.5280

■ 123.3660,
-124.1580, -7.5980

■ 220.1030,
-28.1510, -1.9350

■ 232.2740,
-15.4510, -0.8190

■ 245.0320, -3.0260,
-0.2260

■ 253.6150, 2.5220,
-1.6540

■ 254.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



157.8150, -98.3420, -23.9260



169.9570, -77.5300, -4.6180



181.8850, -41.4960, 14.1520

Triad

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



169.9570, -77.5300, -4.6180



187.3430, 51.1630, 25.4270



176.0110, 0.3260, -27.9460

Complementary

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



169.9570, -77.5300, -4.6180



171.0430, 77.5300, 4.6180

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.



180.4940, 29.9430, -19.5370



169.9570, -77.5300, -4.6180



185.4340, 57.6760, 12.0120

Square

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



169.9570, -77.5300, -4.6180



188.4240, 29.2460, 31.6620



183.2890, 50.1140, -5.1340



169.9820, -36.2610, -31.1810

Rectangle

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



169.9570, -77.5300, -4.6180



186.2690, -15.9140, 24.1020



183.2890, 50.1140, -5.1340



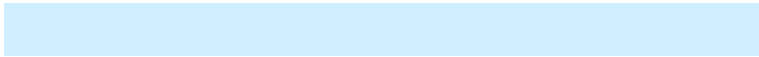
177.9260, 10.8710, -26.3210

Sweetspot

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



169.9570, -77.5300, -4.6180



230.6690, -23.9330, -1.2850



189.9130, -59.3170, -64.8930



112.5730, -14.8550, -0.6070



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.



169.9570, -77.5300, -4.6180



159.1490, -95.6860, -5.9740



125.9320, -56.9050, 34.6070



118.7650, -6.6480, -0.6640



93.7470, -94.4940, -5.5500



30.4340, -30.5810, -1.9490

Inverse Universe

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



150.8590, 59.9590, 64.2710



135.3590, 73.7110, 79.3670



215.0680, 56.9050, -34.6070



116.9130, 4.8590, 5.5550



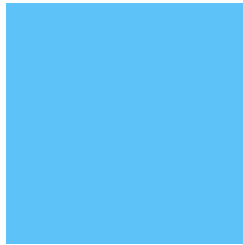
70.5330, 73.1610, 78.3210



22.7990, 23.5160, 25.3720

Previews

White Background



This preview shows how the YIQ color 169.9570, -77.5300, -4.6180 looks on a white background.

Color Contrast Check

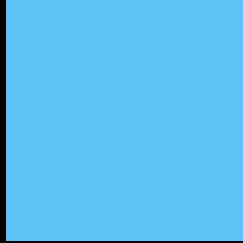
Large Text (above 18pt) WCAG AA × Fail

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 169.9570, -77.5300, -4.6180 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

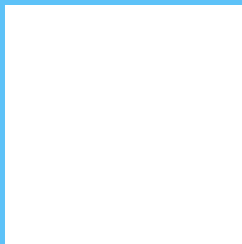
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 169.9570, -77.5300, -4.6180

Background



This preview shows how black text looks on a background with the YIQ color 169.9570, -77.5300, -4.6180.



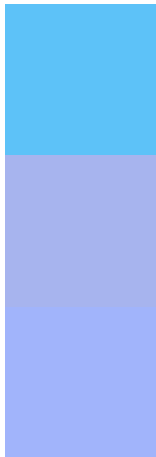
This preview shows how white text looks on a background with the YIQ color 169.9570, -77.5300, -4.6180.

-4.6180.

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

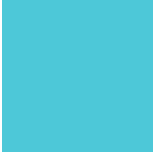
169.9570, -77.5300, -4.6180

Protanopia

182.7250, -26.3660, 15.2820

Deuteranopia

182.4130, -34.1150, 18.0530



Tritanopia

165.0470, -78.4440, -21.1000

Trichromacy



Original Color

169.9570, -77.5300, -4.6180

Protanomaly

178.0430, -45.1170, 8.1870

Deuteranomaly

177.7590, -50.0690, 9.8270

Tritanomaly

167.0350, -78.1700, -15.0500

Monochromacy



Original Color

169.9570, -77.5300, -4.6180

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1030, -28.1510, -1.9350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9570, -77.5300, -4.6180 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(93, 194, 248)` looks like.

```
.text, #text, p{  
    color:rgb(93, 194, 248)  
}
```

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(93, 194, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 194, 248) }
```

Border

The CSS property to change the border of an element to YIQ 169.9570, -77.5300, -4.6180 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(93, 194, 248) }
```


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

```
.border{ border-color:rgb(93, 194, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 194, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 194, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 194, 248);  
box-shadow:4px 4px 4px 4px rgb(93, 194,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9570, -77.5300, -4.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 194, 248) }
```

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

```
.background{ background-color: rgb(93, 194,  
248) }
```

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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