

Converting Colors

YIQ(182.6270, -67.6730,
-1.5370)

Have a look what the booklet for
YIQ(182.6270, -67.6730, -1.5370)
contains.

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Color

**YIQ(182.6270, -67.6730,
-1.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	75CAFF
RGB	117, 202, 255
RGB Percent	46%, 79%, 100%
CMY	0.5413, 0.2077, 0.0003
CMYK	0.54, 0.21, 0.00, 0.00
HSL	203°, 100%, 73%
HSV	203°, 54%, 100%
XYZ	46.4966, 53.2517, 102.3691
YIQ	182.6270, -67.6730, -1.5370

Conversions

Conversions Part 2

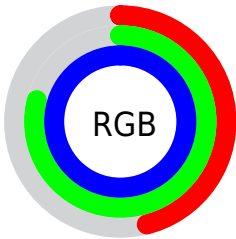
Format	Color
R _Y B	117, 170, 255
Decimal	7719679
CIE Lab	78.02, -11.30, -33.82
CIE LCh	78, 35.659, 251.521
Yxy	53.2517, 0.2300, 0.2635
Android (android.graphics.Color)	4285909759 (0xFF75CAFF)
YUV	182.6270, 35.6799, -57.5549
Hunter-Lab	72.9738, -13.9696, -32.0916

Details

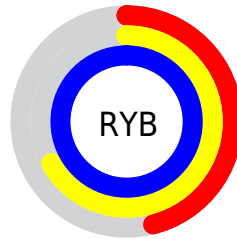
The YIQ color **182.6270, -67.6730, -1.5370** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **189.3730, 67.6730, 1.5370**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6780, -46.4880, -16.5360**, and **124.6970, -73.8620, -5.0140** is the 20% darker color. If you saturate the color by 10%, you get **168.9830, -80.4190, -1.8190**, and if you desaturate by 10%, it is **195.9720, -55.5230, -1.4670**.

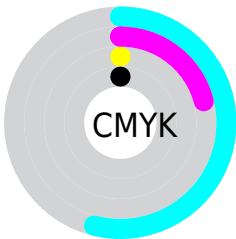
Distribution



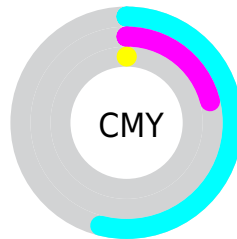
- Red (46%)
- Green (79%)
- Blue (100%)



- Red (46%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.6270, -67.6730, -1.5370 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 182.6270, -67.6730, -1.5370 by changing the saturation by 10% instead.

■ 182.6270,
-67.6730, -1.5370

■ 182.6270,
-67.6730, -1.5370

■ 255.0000, -0.0000,
-0.0000

■ 154.2030,
-69.4150, -3.0070

■ 231.6780,
-46.4880, -16.5360

■ 124.6970,
-73.8620, -5.0140

■ 240.6480,
-28.6080, -10.1760

■ 91.1080, -88.4410,
-10.6250

■ 249.6180,
-10.7280, -3.8160

■ 73.9420, -73.1740,
-6.4700

■ 56.8900, -58.2280,
-2.0040

■ 40.5390, -43.8780,
2.2500

■ 26.0630, -30.6740,

5.2460

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,
7.2520

■ 182.6270,
-67.6730, -1.5370

■ 182.6270,
-67.6730, -1.5370

■ 168.9830,
-80.4190, -1.8190

■ 195.9720,
-55.5230, -1.4670

■ 155.6380,
-92.5690, -1.8890

■ 209.6160,
-42.7770, -1.1850

■ 142.5810,
-105.5900, -2.6940

■ 222.3740,
-30.3520, -0.5920

■ 129.2360,
-117.7400, -2.7640

■ 236.0180,
-17.6060, -0.3100

■ 121.2290,
-125.0300, -2.8060

■ 249.3630, -5.4560,
-0.2400

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



174.1050, -84.3590, -18.5270



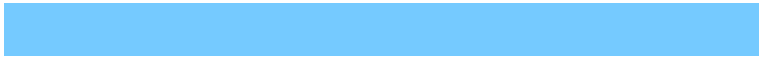
182.6270, -67.6730, -1.5370



192.0060, -34.5270, 14.5050

Triad

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



182.6270, -67.6730, -1.5370



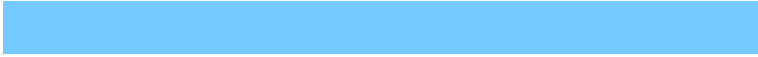
195.4950, 47.6790, 22.4870



185.5700, -2.7460, -27.3380

Complementary

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



182.6270, -67.6730, -1.5370



189.3730, 67.6730, 1.5370

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.



189.6400, 26.5960, -19.4520



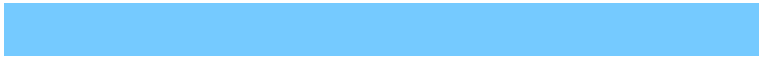
182.6270, -67.6730, -1.5370



194.7110, 55.3380, 10.3300

Square

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



182.6270, -67.6730, -1.5370



198.1420, 29.9800, 29.3720



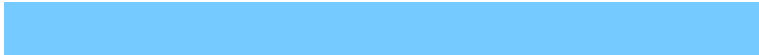
192.9080, 46.8130, -5.8830



180.1500, -36.6740, -29.2020

Rectangle

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



182.6270, -67.6730, -1.5370



196.1940, -11.3290, 23.6070



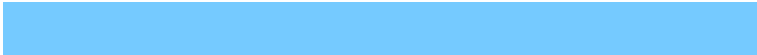
192.9080, 46.8130, -5.8830



187.0120, 7.7530, -24.8790

Sweetspot

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



182.6270, -67.6730, -1.5370



233.3490, -20.0360, -0.3240



203.8200, -54.3210, -56.3130



114.6550, -12.1500, -0.0700



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.



182.6270, -67.6730, -1.5370



167.7980, -81.3360, -1.7200



143.2980, -49.2480, 33.5040



121.1780, -6.3730, -0.1410



91.0400, -93.7610, -2.3130



30.1890, -31.2690, -0.4930

Inverse Universe

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



167.9520, 54.9630, 55.6910



150.2620, 66.1940, 66.9140



228.7020, 49.2480, -33.5040



119.7990, 5.1800, 5.2440



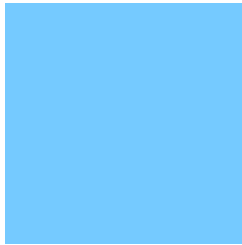
70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 182.6270, -67.6730, -1.5370 looks on a white background.

Color Contrast Check

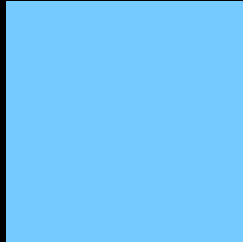
Large Text (above 18pt) WCAG AA × Fail

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 182.6270, -67.6730, -1.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

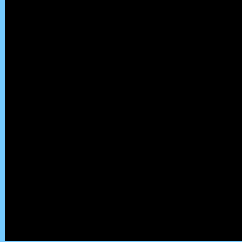
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

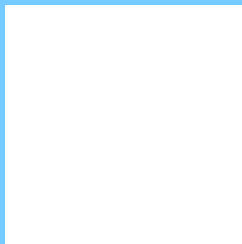
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 182.6270, -67.6730, -1.5370

Background



This preview shows how black text looks on a background with the YIQ color 182.6270, -67.6730, -1.5370.



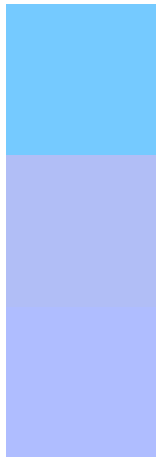
This preview shows how white text looks on a background with the YIQ color 182.6270, -67.6730, -1.5370.

-1.5370.

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

182.6270, -67.6730, -1.5370

Protanopia

192.4970, -25.7240, 14.6600

Deuteranopia

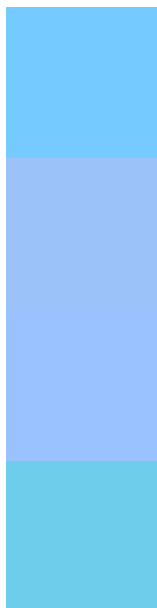
192.3380, -29.5300, 17.5580



Tritanopia

178.7390, -65.6530, -16.1250

Trichromacy



Original Color

182.6270, -67.6730, -1.5370

Protanomaly

188.6090, -40.8990, 8.8370

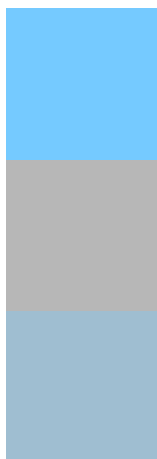
Deuteranomaly

188.9940, -43.4210, 10.4910

Tritanomaly

180.0150, -66.2500, -10.8100

Monochromacy



Original Color

182.6270, -67.6730, -1.5370

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.8970, -24.5750, -0.6630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.6270, -67.6730, -1.5370 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(117, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 202, 255)  
}
```

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(117, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 202, 255) }
```

Border

The CSS property to change the border of an element to YIQ 182.6270, -67.6730, -1.5370 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(117, 202, 255) }
```


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

```
.border{ border-color:rgb(117, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 202,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 182.6270, -67.6730, -1.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 202, 255) }
```

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

```
.background{ background-color: rgb(117,  
202, 255) }
```

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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