

Converting Colors

YIQ(172.7670, -70.8830, 1.5730)

Have a look what the booklet for
YIQ(172.7670, -70.8830, 1.5730)
contains.

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Color

**YIQ(172.7670, -70.8830,
1.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	6ABFFE
RGB	106, 191, 254
RGB Percent	42%, 75%, 100%
CMY	0.5844, 0.2508, 0.0042
CMYK	0.58, 0.25, 0.00, 0.00
HSL	205°, 99%, 71%
HSV	205°, 58%, 100%
XYZ	42.4535, 47.4893, 100.6241
YIQ	172.7670, -70.8830, 1.5730

Conversions

Conversions Part 2

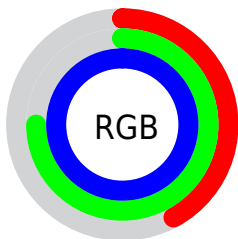
Format	Color
RYB	106, 160, 254
Decimal	6995966
CIELab	74.50, -7.89, -38.77
CIELCh	75, 39.567, 258.498
Yxy	47.4893, 0.2228, 0.2492
Android (android.graphics.Color)	4285186046 (0xFF6ABFFE)
YUV	172.7670, 40.0479, -58.5547
Hunter-Lab	68.9124, -10.6320, -38.3349

Details

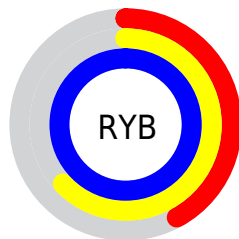
The YIQ color **172.7670, -70.8830, 1.5730** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **187.2330, 70.8830, -1.5730**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9920, -50.2480, -14.4720**, and **113.0320, -82.1150, -4.1230** is the 20% darker color. If you saturate the color by 10%, you get **158.8350, -82.7580, 2.0260**, and if you desaturate by 10%, it is **186.6990, -59.0080, 1.1200**.

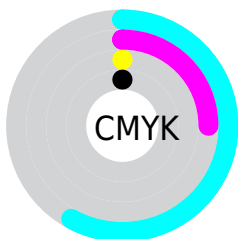
Distribution



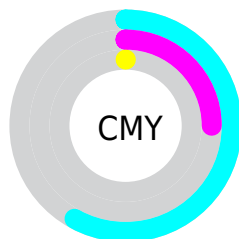
- Red (42%)
- Green (75%)
- Blue (100%)



- Red (42%)
- Yellow (63%)
- Blue (100%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7670, -70.8830, 1.5730 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 172.7670, -70.8830, 1.5730 by changing the saturation by 10% instead.

■ 172.7670,
-70.8830, 1.5730

■ 172.7670,
-70.8830, 1.5730

■ 255.0000, -0.0000,
-0.0000

■ 143.7450,
-73.8170, -0.3210

■ 223.9920,
-50.2480, -14.4720

■ 113.0320,
-82.1150, -4.1230

■ 237.6580,
-34.5680, -12.2960

■ 85.0100, -85.0490,
-6.0170

■ 246.6280,
-16.6880, -5.9360

■ 67.9580, -70.1030,
-1.5510

■ 51.4930, -55.4320,
2.3920

■ 35.7290, -41.3570,
6.1230

■ 21.8400, -28.4280,

8.5960

■ 6.8910, -15.2700,
12.4260

■ 3.3230, -7.9790,
6.9410

■ 172.7670,
-70.8830, 1.5730

■ 172.7670,
-70.8830, 1.5730

■ 158.8350,
-82.7580, 2.0260

■ 186.6990,
-59.0080, 1.1200

■ 144.6040,
-95.2290, 2.2670

■ 200.9300,
-46.5370, 0.8790

■ 131.2590,
-107.3790, 2.1970

■ 214.2750,
-34.3870, 0.9490

■ 117.0280,
-119.8500, 2.4380

■ 228.5060,
-21.9160, 0.7080

■ 114.6580,
-121.6840, 2.6360

■ 242.4380,
-10.0410, 0.2550

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



156.3890, -105.7700, -21.4660



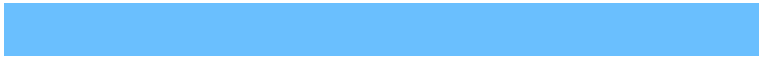
172.7670, -70.8830, 1.5730



183.7340, -30.5850, 20.1590

Triad

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



172.7670, -70.8830, 1.5730



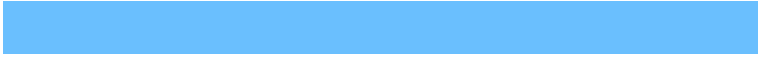
186.2850, 57.0780, 22.8540



173.6720, -11.9610, -31.0410

Complementary

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



172.7670, -70.8830, 1.5730



187.2330, 70.8830, -1.5730

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.



178.5530, 22.2870, -23.9610



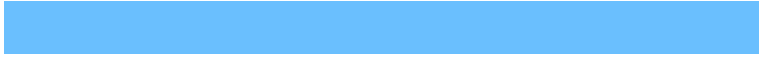
172.7670, -70.8830, 1.5730



184.3430, 59.1900, 6.5980

Square

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



172.7670, -70.8830, 1.5730



187.5130, 39.2410, 32.2410



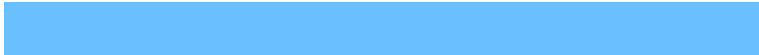
181.8600, 46.7680, -10.5760



166.4300, -52.2620, -33.0460

Rectangle

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



172.7670, -70.8830, 1.5730



187.2490, -3.9940, 28.3420



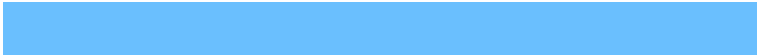
181.8600, 46.7680, -10.5760



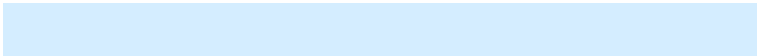
175.3700, 0.6930, -29.0910

Sweetspot

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



172.7670, -70.8830, 1.5730



231.5770, -20.6780, 0.2980



199.9440, -60.6020, -58.1220



113.7690, -12.4710, 0.2410



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.



172.7670, -70.8830, 1.5730



157.1660, -85.1880, 2.0120



129.9160, -50.8080, 39.7520



120.5910, -6.0980, 0.3820



86.3440, -91.5610, 1.8710



29.0150, -30.7190, 0.5530

Inverse Universe

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



159.9420, 60.9230, 57.8110



141.8500, 73.3460, 69.4580



230.0840, 50.8080, -39.7520



119.6850, 5.5010, 4.9330



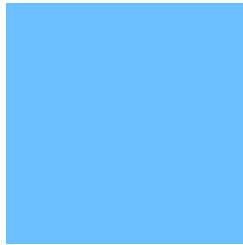
69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 172.7670, -70.8830, 1.5730 looks on a white background.

Color Contrast Check

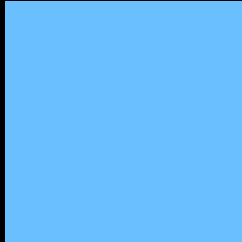
Large Text (above 18pt) WCAG AA × Fail

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 172.7670, -70.8830, 1.5730 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

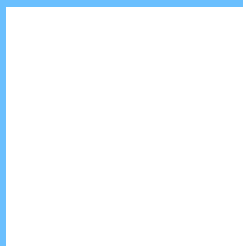
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.7670, -70.8830, 1.5730

Background



This preview shows how black text looks on a background with the YIQ color 172.7670, -70.8830, 1.5730.



This preview shows how white text looks on a background with the YIQ color 172.7670, -70.8830,

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

172.7670, -70.8830, 1.5730

Protanopia

182.6260, -30.4010, 16.8230

Deuteranopia

181.6730, -37.7830, 18.4490



Tritanopia

167.2330, -70.1000, -18.1320

Trichromacy



Original Color

172.7670, -70.8830, 1.5730

Protanomaly

179.0370, -44.9800, 11.2120

Deuteranomaly

178.3400, -50.2070, 12.3290

Tritanomaly

168.9760, -70.5140, -10.6260

Monochromacy



Original Color

172.7670, -70.8830, 1.5730

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.2390, -25.5380, 0.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7670, -70.8830, 1.5730 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(106, 191, 254)` looks like.

```
.text, #text, p{  
    color:rgb(106, 191, 254)  
}
```

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(106, 191, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 191, 254) }
```

Border

The CSS property to change the border of an element to YIQ 172.7670, -70.8830, 1.5730 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(106, 191, 254) }
```


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

```
.border{ border-color:rgb(106, 191, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 191, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 191, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 191, 254);  
box-shadow:4px 4px 4px 4px rgb(106, 191,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7670, -70.8830, 1.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 191, 254) }
```

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

```
.background{ background-color: rgb(106,  
191, 254) }
```

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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