

Converting Colors

YIQ(177.2870, -96.5550,
-17.7630)

Have a look what the booklet for
YIQ(177.2870, -96.5550, -17.7630)
contains.

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Color

**YIQ(177.2870, -96.5550,
-17.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	4AD7FE
RGB	74, 215, 254
RGB Percent	29%, 84%, 100%
CMY	0.7101, 0.1566, 0.0043
CMYK	0.71, 0.15, 0.00, 0.00
HSL	193°, 99%, 64%
HSV	193°, 71%, 100%
XYZ	45.0060, 57.2328, 102.3524
YIQ	177.2870, -96.5550, -17.7630

Conversions

Conversions Part 2

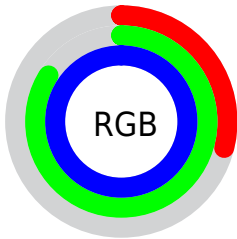
Format	Color
RYB	74, 153, 254
Decimal	4904958
CIELab	80.31, -25.42, -29.87
CIELCh	80, 39.217, 229.603
Yxy	57.2328, 0.2200, 0.2797
Android (android.graphics.Color)	4283095038 (0xFF4AD7FE)
YUV	177.2870, 37.8195, -90.5827
Hunter-Lab	75.6524, -26.2011, -27.2586

Details

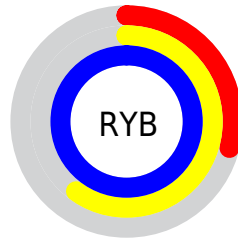
The YIQ color **177.2870, -96.5550, -17.7630** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **150.7130, 96.5550, 17.7630**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, -66.1560, -23.5320**, and **116.3780, -107.2370, -22.4130** is the 20% darker color. If you saturate the color by 10%, you get **166.8770, -110.0800, -20.4480**, and if you desaturate by 10%, it is **188.2840, -83.3050, -15.6010**.

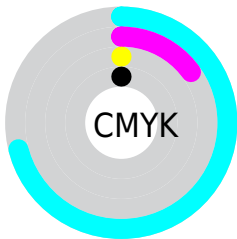
Distribution



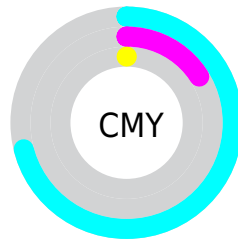
- Red (29%)
- Green (84%)
- Blue (100%)



- Red (29%)
- Yellow (60%)
- Blue (100%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.2870, -96.5550, -17.7630 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 177.2870, -96.5550, -17.7630 by changing the saturation by 10% instead.

177.2870,
-96.5550, -17.7630

177.2870,
-96.5550, -17.7630

255.0000, -0.0000,
-0.0000

140.5020,
-113.5180, -24.2220

221.5120,
-66.7520, -23.7440

116.3780,
-107.2370, -22.4130

231.0800,
-47.6800, -16.9600

98.0380, -91.4200,
-17.2120

240.6480,
-28.6080, -10.1760

79.6980, -75.6030,
-12.0110

249.9170,
-10.1320, -3.6040

62.6460, -60.6570,
-7.5450

45.8220, -46.3530,
-2.4570

30.1720, -32.5990,

1.5850

■ 8.8800, -16.7370,
11.4790

■ 3.4370, -8.3000,
7.2520

■ 177.2870,
-96.5550, -17.7630

■ 177.2870,
-96.5550, -17.7630

■ 166.8770,
-110.0800, -20.4480

■ 188.2840,
-83.3050, -15.6010

■ 155.5810,
-123.9260, -22.8220

■ 198.9930,
-69.1840, -12.7040

■ 145.7690,
-136.2590, -25.0830

■ 209.4030,
-55.6590, -10.0190

■ 220.4000,
-42.4090, -7.8570

■ 231.1090,
-28.2880, -4.9600

■ 242.1060,
-15.0380, -2.7980

■ 252.8150, -0.9170,
0.0990

■ 254.8860, 0.3210,
-0.3110

Harmonies

Analogous

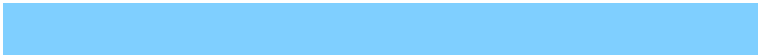
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.0900, -89.1710, -30.4430



177.2870, -96.5550, -17.7630



188.5520, -63.0880, -2.0320

Triad

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



177.2870, -96.5550, -17.7630



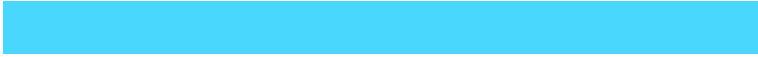
201.6050, 35.9860, 30.6580



194.8410, 21.4160, -24.6960

Complementary

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



177.2870, -96.5550, -17.7630



150.7130, 96.5550, 17.7630

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.



198.0340, 46.2180, -11.6220



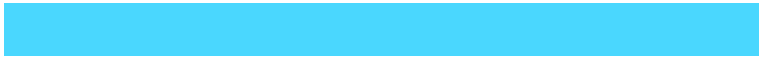
177.2870, -96.5550, -17.7630



197.2730, 48.1840, 18.8400

Square

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



177.2870, -96.5550, -17.7630



204.0720, 9.8060, 31.5500



198.4350, 55.9350, 5.0150



189.4870, -12.8780, -30.9420

Rectangle

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



177.2870, -96.5550, -17.7630



195.8160, -37.0480, 10.6320



198.4350, 55.9350, 5.0150



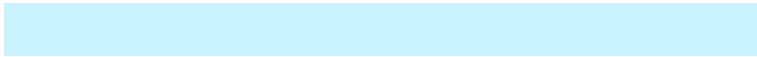
195.7390, 30.6310, -20.9930

Sweetspot

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



177.2870, -96.5550, -17.7630



231.8100, -28.8840, -5.1720



183.7640, -61.0560, -82.9440



114.3230, -17.1470, -3.1230



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.



177.2870, -96.5550, -17.7630



162.5280, -116.4070, -21.4230



126.2180, -72.6300, 27.7380



122.3520, -6.9230, -1.1870



109.8240, -102.5610, -19.0490



36.6460, -34.2940, -6.2460

Inverse Universe

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



143.8940, 62.0190, 82.0110



122.2630, 74.7620, 98.8740



201.7820, 72.6300, -27.7380



120.0270, 4.5380, 5.8660



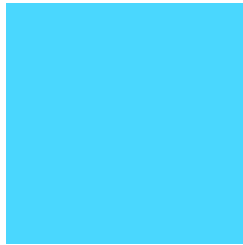
74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 177.2870, -96.5550, -17.7630 looks on a white background.

Color Contrast Check

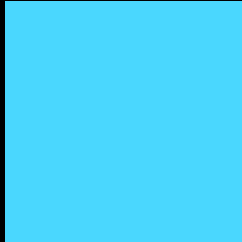
Large Text (above 18pt) WCAG AA × Fail

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 177.2870, -96.5550, -17.7630 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 177.2870, -96.5550, -17.7630 Background



This preview shows how black text looks on a background with the YIQ color 177.2870, -96.5550, -17.7630.



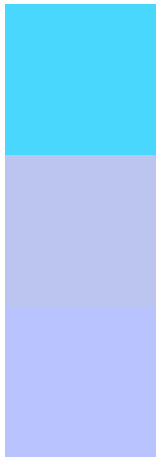
This preview shows how white text looks on a background with the YIQ color 177.2870, -96.5550, -17.7630.

-17.7630.

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

177.2870, -96.5550, -17.7630

Protanopia

198.6240, -18.8920, 11.9880

Deuteranopia

198.8500, -25.2200, 16.5400



Tritanopia

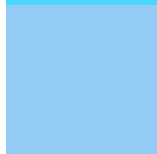
173.4080, -98.7540, -27.4740

Trichromacy



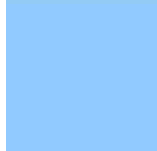
Original Color

177.2870, -96.5550, -17.7630



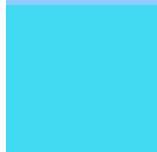
Protanomaly

191.0440, -46.8580, 1.1900



Deuteranomaly

190.9990, -50.9850, 4.3990



Tritanomaly

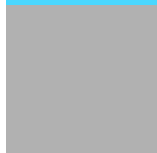
174.8150, -98.3420, -23.9260

Monochromacy



Original Color

177.2870, -96.5550, -17.7630



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.3470, -34.8900, -6.4580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.2870, -96.5550, -17.7630 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(74, 215, 254)` looks like.

```
.text, #text, p{  
    color:rgb(74, 215, 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(74, 215, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 215, 254) }
```

Border

The CSS property to change the border of an element to YIQ 177.2870, -96.5550, -17.7630 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(74, 215, 254) }
```


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

```
.border{ border-color:rgb(74, 215, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 215, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 215, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 215, 254);  
box-shadow:4px 4px 4px 4px rgb(74, 215,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 177.2870, -96.5550, -17.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 215, 254) }
```

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

```
.background{ background-color: rgb(74, 215,  
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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