

Converting Colors

YIQ(175.1520, -82.5730,
-6.8370)

Have a look what the booklet for
YIQ(175.1520, -82.5730, -6.8370)
contains.

YIQ(175.1520, -82.5730, -6.8370)	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(175.1520, -82.5730,
-6.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	5CCAFF
RGB	92, 202, 255
RGB Percent	36%, 79%, 100%
CMY	0.6394, 0.2077, 0.0004
CMYK	0.64, 0.21, 0.00, 0.00
HSL	199°, 100%, 68%
HSV	199°, 64%, 100%
XYZ	43.5741, 51.7491, 102.2204
YIQ	175.1520, -82.5730, -6.8370

Conversions

Conversions Part 2

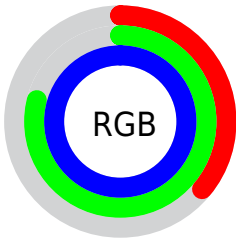
Format	Color
R _Y B	92, 158, 255
Decimal	6081279
CIE Lab	77.13, -15.89, -35.26
CIE LCh	77, 38.678, 245.748
Yxy	51.7491, 0.2206, 0.2620
Android (android.graphics.Color)	4284271359 (0xFF5CCAFF)
YUV	175.1520, 39.3651, -72.9243
Hunter-Lab	71.9368, -17.7672, -33.8938

Details

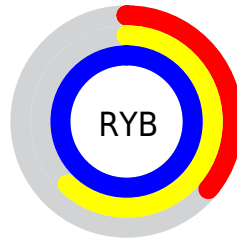
The YIQ color **175.1520, -82.5730, -6.8370** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **171.8480, 82.5730, 6.8370**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3990, -59.0040, -20.9880**, and **109.4480, -104.2580, -15.8260** is the 20% darker color. If you saturate the color by 10%, you get **162.6820, -95.8690, -8.1650**, and if you desaturate by 10%, it is **187.3230, -69.8730, -5.7210**.

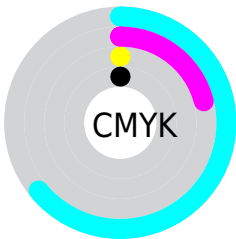
Distribution



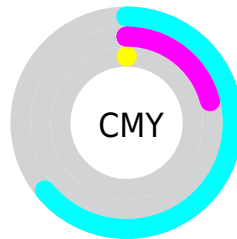
- Red (36%)
- Green (79%)
- Blue (100%)



- Red (36%)
- Yellow (62%)
- Blue (100%)



- Cyan (64%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.1520, -82.5730, -6.8370 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 175.1520, -82.5730, -6.8370 by changing the saturation by 10% instead.

■ 175.1520,
-82.5730, -6.8370

■ 175.1520,
-82.5730, -6.8370

■ 255.0000, -0.0000,
-0.0000

■ 144.6350,
-88.4870, -9.7910

■ 225.3990,
-59.0040, -20.9880

■ 109.4480,
-104.2580, -15.8260

■ 234.6680,
-40.5280, -14.4160

■ 91.1080, -88.4410,
-10.6250

■ 243.6380,
-22.6480, -8.0560

■ 73.3550, -72.8990,
-5.9470

■ 252.9070, -4.1720,
-1.4840

■ 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

■ 175.1520,
-82.5730, -6.8370

■ 175.1520,
-82.5730, -6.8370

■ 162.6820,
-95.8690, -8.1650

■ 187.3230,
-69.8730, -5.7210

■ 150.5110,
-108.5690, -9.2810

■ 200.3800,
-56.8520, -4.9160

■ 137.4540,
-121.5900, -10.0860

■ 212.5510,
-44.1520, -3.8000

■ 130.0340,
-129.1550, -10.6510

■ 225.0210,
-30.8560, -2.4720

■ 237.1920,
-18.1560, -1.3560

■ 250.2490, -5.1350,
-0.5510

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.



164.2770, -99.7630, -25.7070



175.1520, -82.5730, -6.8370



186.9230, -44.6590, 10.9010

Triad

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



175.1520, -82.5730, -6.8370



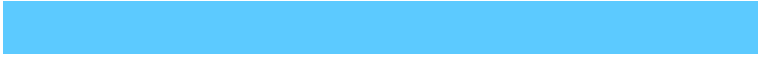
193.0160, 47.7700, 26.3460



183.4520, 3.3980, -28.5540

Complementary

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



175.1520, -82.5730, -6.8370



171.8480, 82.5730, 6.8370

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.



187.8750, 33.2440, -18.7880



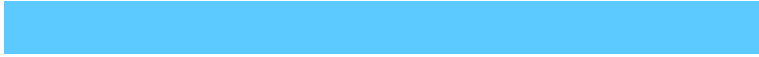
175.1520, -82.5730, -6.8370



191.3740, 57.9050, 13.3690

Square

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



175.1520, -82.5730, -6.8370



195.2820, 26.7700, 32.4820



190.3110, 53.0480, -3.2400



177.4230, -33.1890, -31.7890

Rectangle

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



175.1520, -82.5730, -6.8370



192.7030, -20.1320, 23.4520



190.3110, 53.0480, -3.2400



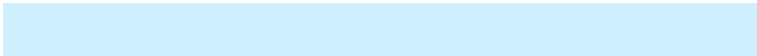
185.1930, 14.4930, -25.8830

Sweetspot

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



175.1520, -82.5730, -6.8370



231.2560, -24.2080, -1.8080



193.6090, -61.5170, -69.0770



113.1600, -15.1300, -1.1300



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.



175.1520, -82.5730, -6.8370



158.8280, -99.2160, -8.0800



128.1920, -60.5730, 35.0030



121.1780, -6.3730, -0.1410



97.4970, -96.7860, -8.0660



32.5370, -32.3690, -2.5850

Inverse Universe

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



153.2770, 61.8380, 68.7660



132.6520, 74.4440, 82.6040



218.8080, 60.5730, -35.0030



119.7990, 5.1800, 5.2440



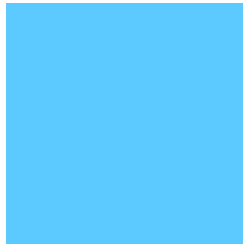
71.8150, 72.4270, 80.6110



24.0380, 24.3410, 26.9410

Previews

White Background



This preview shows how the YIQ color 175.1520, -82.5730, -6.8370 looks on a white background.

Color Contrast Check

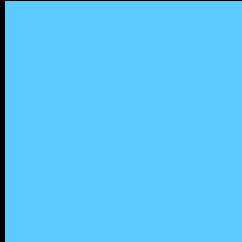
Large Text (above 18pt) WCAG AA × Fail

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 175.1520, -82.5730, -6.8370 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

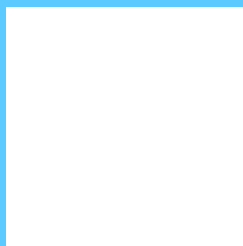
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.1520, -82.5730, -6.8370

Background



This preview shows how black text looks on a background with the YIQ color 175.1520, -82.5730, -6.8370.



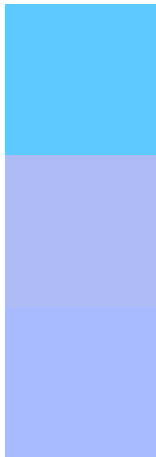
This preview shows how white text looks on a background with the YIQ color 175.1520, -82.5730, -6.8370.

-6.8370.

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

175.1520, -82.5730, -6.8370

Protanopia

189.6110, -26.0450, 14.9710

Deuteranopia

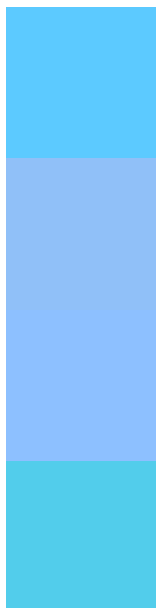
189.3700, -32.5560, 17.3320



Tritanopia

169.7690, -83.5330, -22.4850

Trichromacy



Original Color

175.1520, -82.5730, -6.8370

Protanomaly

184.0320, -46.5840, 7.2400

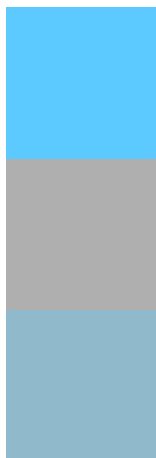
Deuteranomaly

183.9330, -50.6190, 8.7810

Tritanomaly

171.6430, -82.9380, -16.7460

Monochromacy



Original Color

175.1520, -82.5730, -6.8370

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2060, -29.9390, -2.5710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1520, -82.5730, -6.8370 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(92, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 202, 255) }
```

Border

The CSS property to change the border of an element to YIQ 175.1520, -82.5730, -6.8370 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(92, 202, 255) }
```


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

```
.border{ border-color:rgb(92, 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(92, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 202,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1520, -82.5730, -6.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 202, 255) }
```

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

```
.background{ background-color: rgb(92, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor