

Converting Colors

YIQ(146.0570, -74.0950,
15.7370)

Have a look what the booklet for
YIQ(146.0570, -74.0950, 15.7370)
contains.

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Color

**YIQ(146.0570, -74.0950,
15.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	559CFF
RGB	85, 156, 255
RGB Percent	33%, 61%, 100%
CMY	0.6667, 0.3881, 0.0004
CMYK	0.67, 0.39, 0.00, 0.00
HSL	215°, 100%, 67%
HSV	215°, 67%, 100%
XYZ	33.6721, 32.9310, 99.1096
YIQ	146.0570, -74.0950, 15.7370

Conversions

Conversions Part 2

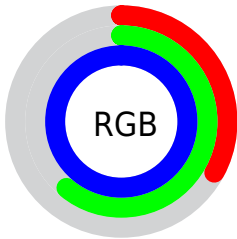
Format	Color
R _Y B	85, 135, 255
Decimal	5610751
CIE Lab	64.10, 8.51, -55.72
CIE LCh	64, 56.362, 278.686
Yxy	32.9310, 0.2032, 0.1987
Android (android.graphics.Color)	4283800831 (0xFF559CFF)
YUV	146.0570, 53.7089, -53.5470
Hunter-Lab	57.3855, 4.3139, -62.2289

Details

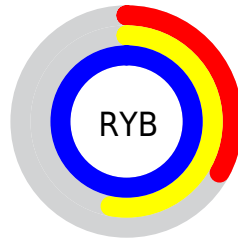
The YIQ color **146.0570, -74.0950, 15.7370** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **193.9430, 74.0950, -15.7370**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.1900, -50.2050, 1.2750**, and **84.2070, -92.4330, 6.6630** is the 20% darker color. If you saturate the color by 10%, you get **129.4780, -85.4660, 18.0700**, and if you desaturate by 10%, it is **162.3370, -63.3200, 13.1920**.

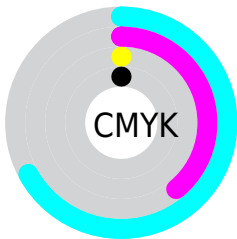
Distribution



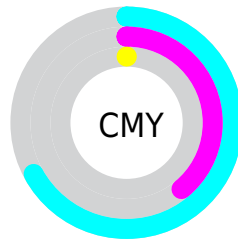
- Red (33%)
- Green (61%)
- Blue (100%)



- Red (33%)
- Yellow (53%)
- Blue (100%)



- Cyan (67%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.0570, -74.0950, 15.7370 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 146.0570, -74.0950, 15.7370 by changing the saturation by 10% instead.

■ 146.0570,
-74.0950, 15.7370

■ 146.0570,
-74.0950, 15.7370

■ 255.0000, -0.0000,
-0.0000

■ 115.5290,
-81.4760, 11.8360

■ 197.1900,
-50.2050, 1.2750

■ 84.2070, -92.4330,
6.6630

■ 222.5960,
-40.0250, -7.0090

■ 67.5140, -77.1200,
9.9840

■ 241.8440,
-26.2240, -9.3280

■ 51.5220, -62.4030,
13.0930

■ 251.1130, -7.7480,
-2.7560

■ 36.2310, -48.2820,
15.9900

■ 21.5270, -34.4360,
18.3640

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 146.0570,
-74.0950, 15.7370

■ 146.0570,
-74.0950, 15.7370

■ 129.4780,
-85.4660, 18.0700

■ 162.3370,
-63.3200, 13.1920

■ 113.1980,
-96.2410, 20.6150

■ 178.9160,
-51.9490, 10.8590

■ 97.5050,
-107.2910, 22.6370

■ 195.1960,
-41.1740, 8.3140

■ 91.8790,
-111.2800, 23.3440

■ 211.1880,
-29.5280, 6.5040

■ 227.4680,
-18.7530, 3.9590

■ 244.0470, -7.3820,
1.6260

255.0000, -0.0000,
-0.0000

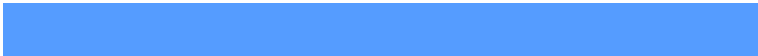
Harmonies

Analogous

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



128.1760, -126.6790, -11.4710



146.0570, -74.0950, 15.7370



159.4310, -7.0220, 39.1700

Triad

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



146.0570, -74.0950, 15.7370



153.0300, 79.5450, 17.6650



119.0310, -82.6560, -54.9120

Complementary

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



146.0570, -74.0950, 15.7370



193.9430, 74.0950, -15.7370

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.



142.3830, -1.3220, -42.1380



146.0570, -74.0950, 15.7370



152.2940, 68.9130, -9.9270

Square

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



146.0570, -74.0950, 15.7370



155.0240, 71.6550, 39.5190



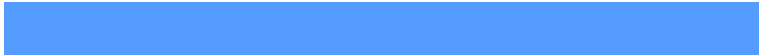
148.1620, 42.1410, -31.3550



124.9260, -103.7490, -41.5810

Rectangle

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



146.0570, -74.0950, 15.7370



159.6110, 27.8220, 46.4620



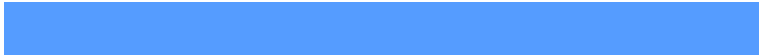
148.1620, 42.1410, -31.3550



134.2610, -42.0810, -46.8570

Sweetspot

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



146.0570, -74.0950, 15.7370



222.1410, -22.1460, 4.8780



195.7340, -77.5660, -59.0540



108.1650, -13.5260, 2.8420



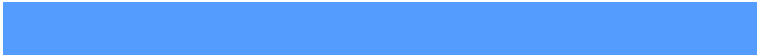
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.0570, -74.0950, 15.7370



124.1510, -88.8590, 18.9890



107.6690, -48.0140, 55.2020



119.4170, -5.5480, 1.4280



68.7340, -83.3110, 17.5610



23.1450, -27.9690, 5.7830

Inverse Universe

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



143.9240, 78.5290, 58.1210



121.6860, 94.2990, 69.6830



232.3310, 48.0140, -55.2020



119.4570, 6.1430, 4.3110



66.2290, 88.1560, 65.3720



22.2140, 29.4770, 21.9650

Previews

White Background



This preview shows how the YIQ color 146.0570, -74.0950, 15.7370 looks on a white background.

Color Contrast Check

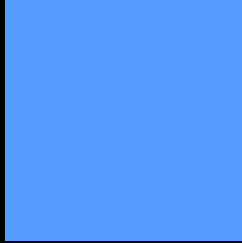
Large Text (above 18pt) WCAG AA × Fail

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 146.0570, -74.0950, 15.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

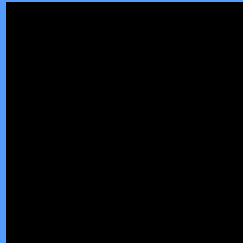
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

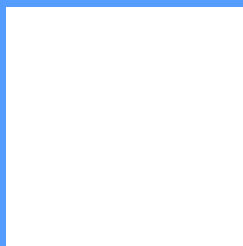
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 146.0570, -74.0950, 15.7370

Background



This preview shows how black text looks on a background with the YIQ color 146.0570, -74.0950, 15.7370.



This preview shows how white text looks on a background with the YIQ color 146.0570, -74.0950, 15.7370.

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

146.0570, -74.0950, 15.7370

Protanopia

151.5220, -53.2350, 23.1570

Deuteranopia

146.6660, -71.4360, 17.1080



Tritanopia

132.8290, -83.7620, -23.8420

Trichromacy



Original Color

146.0570, -74.0950, 15.7370

Protanomaly

149.6350, -60.9830, 20.4010

Deuteranomaly

146.3670, -72.0320, 16.8960

Tritanomaly

137.8270, -80.2800, -9.8480

Monochromacy



Original Color

146.0570, -74.0950, 15.7370

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.3300, -27.0520, 5.6840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.0570, -74.0950, 15.7370 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(85, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 156, 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(85, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 156, 255) }
```

Border

The CSS property to change the border of an element to YIQ 146.0570, -74.0950, 15.7370 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(85, 156, 255) }
```


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

```
.border{ border-color:rgb(85, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 156,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 146.0570, -74.0950, 15.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 156, 255) }
```

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

```
.background{ background-color: rgb(85, 156,  
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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