

Converting Colors

YIQ(129.0570, -74.0950,
15.7370)

Have a look what the booklet for
YIQ(129.0570, -74.0950, 15.7370)
contains.

YIQ(129.0570, -74.0950, 15.7370)	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(129.0570, -74.0950,
15.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	448BEE
RGB	68, 139, 238
RGB Percent	27%, 55%, 93%
CMY	0.7334, 0.4548, 0.0670
CMYK	0.71, 0.42, 0.00, 0.07
HSL	215°, 83%, 60%
HSV	215°, 71%, 93%
XYZ	27.0377, 25.8694, 84.3844
YIQ	129.0570, -74.0950, 15.7370

Conversions

Conversions Part 2

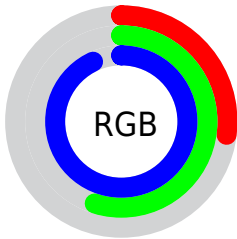
Format	Color
R _Y B	68, 118, 238
Decimal	4492270
CIE Lab	57.91, 10.25, -56.27
CIE LCh	58, 57.198, 280.320
Yxy	25.8694, 0.1969, 0.1884
Android (android.graphics.Color)	4282682350 (0xFF448BEE)
YUV	129.0570, 53.7089, -53.5470
Hunter-Lab	50.8620, 5.8803, -62.7638

Details

The YIQ color `129.0570, -74.0950, 15.7370` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `176.9430, 74.0950, -15.7370`, and the grayscale version is `129.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `182.1390, -54.1950, 7.5090`, and `73.4640, -82.8510, 9.2210` is the 20% darker color. If you saturate the color by 10%, you get `113.6630, -84.5490, 17.9710`, and if you desaturate by 10%, it is `144.4510, -63.6410, 13.5030`.

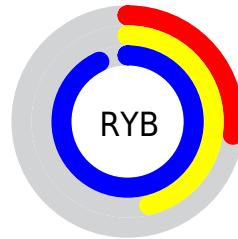
Distribution



Red (27%)

Green (55%)

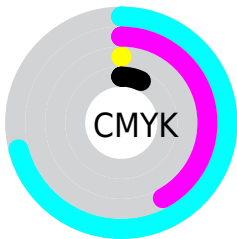
Blue (93%)



Red (27%)

Yellow (46%)

Blue (93%)

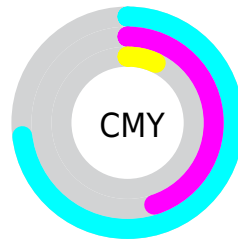


Cyan (71%)

Magenta (42%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.0570, -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 129.0570, -74.0950, 15.7370 by changing the saturation by 10% instead.

■ 129.0570,
-74.0950, 15.7370

■ 129.0570,
-74.0950, 15.7370

■ 255.0000, -0.0000,
-0.0000

■ 95.2290, -89.4990,
8.5570

■ 182.1390,
-54.1950, 7.5090

■ 73.4640, -82.8510,
9.2210

■ 207.8440,
-43.4190, -0.5630

■ 56.8850, -67.8590,
12.8530

■ 233.2500,
-33.2390, -8.8470

■ 41.4800, -53.4170,
15.4390

■ 246.6280,
-16.6880, -5.9360

■ 27.4770, -40.1670,
17.6010

■ 14.0610, -27.1920,
19.2400

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 129.0570,
-74.0950, 15.7370

■ 129.0570,
-74.0950, 15.7370

■ 113.6630,
-84.5490, 17.9710

■ 144.4510,
-63.6410, 13.5030

■ 98.2690, -95.0030,
20.2050

■ 159.8450,
-53.1870, 11.2690

■ 85.2450,
-103.6230, 22.2410

■ 174.9400,
-43.3290, 8.8230

■ 189.7470,
-32.6000, 7.1120

■ 205.1410,
-22.1460, 4.8780

■ 220.5350,
-11.6920, 2.6440

■ 235.9290, -1.2380,
0.4100

■ 250.1270, 6.8320,
-2.6720

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



116.9600, -117.1430, -8.0790



129.0570, -74.0950, 15.7370



142.9260, -4.0420, 40.2300

Triad

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



129.0570, -74.0950, 15.7370



135.9050, 78.3990, 16.4070



106.3630, -77.6590, -51.8590

Complementary

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



129.0570, -74.0950, 15.7370



176.9430, 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.



125.0020, -4.6230, -42.8870



129.0570, -74.0950, 15.7370



135.3430, 67.2170, -12.2310

Square

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



129.0570, -74.0950, 15.7370



136.9100, 71.9760, 39.2080



131.0970, 40.7660, -33.9700



113.4650, -94.9010, -36.7330

Rectangle

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



129.0570, -74.0950, 15.7370



142.5080, 29.6100, 47.0980



131.0970, 40.7660, -33.9700



113.1180, -51.9840, -49.1040

Sweetspot

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



129.0570, -74.0950, 15.7370



220.6570, -23.6590, 4.7650



178.7340, -77.5660, -59.0540



107.2790, -13.8470, 3.1530



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.



129.0570, -74.0950, 15.7370



114.3830, -95.3240, 20.5160



90.6690, -48.0140, 55.2020



112.3030, -5.2270, 1.1170



66.1750, -80.2390, 16.9530



19.8850, -24.3010, 5.3870

Inverse Universe

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



126.9240, 78.5290, 58.1210



111.8550, 101.3130, 74.7290



215.3310, 48.0140, -55.2020



112.1580, 5.5470, 4.0990



63.7940, 84.9470, 62.9550



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 129.0570, -74.0950, 15.7370 looks on a white background.

Color Contrast Check

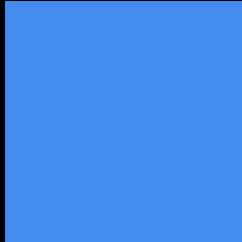
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.0570, -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 × Fail

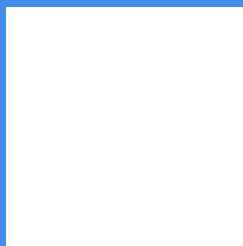
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 129.0570, -74.0950, 15.7370

Background



This preview shows how black text looks on a background with the YIQ color 129.0570, -74.0950, 15.7370.



This preview shows how white text looks on a background with the YIQ color 129.0570, -74.0950,

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

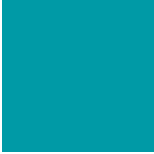
129.0570, -74.0950, 15.7370

Protanopia

134.6250, -55.0230, 22.5210

Deuteranopia

127.8500, -77.9460, 13.9420



Tritanopia

109.3220, -95.6360, -28.9160

Trichromacy



Original Color

129.0570, -74.0950, 15.7370

Protanomaly

132.3360, -61.5790, 20.1890

Deuteranomaly

128.4480, -76.7540, 14.3660

Tritanomaly

116.8260, -87.7070, -12.9150

Monochromacy



Original Color

129.0570, -74.0950, 15.7370

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3300, -27.0520, 5.6840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.0570, -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(68, 139, 238)` looks like.

```
.text, #text, p{  
    color:rgb(68, 139, 238)  
}
```

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(68, 139, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 139, 238) }
```

Border

The CSS property to change the border of an element to YIQ 129.0570, -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(68, 139, 238) }
```


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

```
.border{ border-color:rgb(68, 139, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 139, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 139, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 139, 238);  
box-shadow:4px 4px 4px 4px rgb(68, 139,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 129.0570, -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(68, 139, 238) }
```

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

```
.background{ background-color: rgb(68, 139,  
238) }
```

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