

Converting Colors

YIQ(169.5940, -72.0740,
-4.3780)

Have a look what the booklet for
YIQ(169.5940, -72.0740, -4.3780)
contains.

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Color

**YIQ(169.5940, -72.0740,
-4.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	62C0F2
RGB	98, 192, 242
RGB Percent	38%, 75%, 95%
CMY	0.6158, 0.2469, 0.0513
CMYK	0.60, 0.21, 0.00, 0.05
HSL	201°, 85%, 67%
HSV	201°, 60%, 95%
XYZ	39.9046, 46.7165, 90.8532
YIQ	169.5940, -72.0740, -4.3780

Conversions

Conversions Part 2

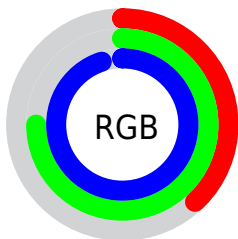
Format	Color
R_{YB}	98, 155, 242
Decimal	6471922
CIE _{Lab}	74.01, -13.57, -33.10
CIE _{LCh}	74, 35.775, 247.710
Yxy	46.7165, 0.2248, 0.2632
Android (android.graphics.Color)	4284662002 (0xFF62C0F2)
YUV	169.5940, 35.6962, -62.7879
Hunter-Lab	68.3494, -15.3974, -30.9664

Details

The YIQ color **169.5940, -72.0740, -4.3780** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **170.4060, 72.0740, 4.3780**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.1870, -55.2910, -16.6910**, and **107.5810, -88.3950, -11.4590** is the 20% darker color. If you saturate the color by 10%, you get **157.7220, -84.1780, -5.2820**, and if you desaturate by 10%, it is **181.4660, -59.9700, -3.4740**.

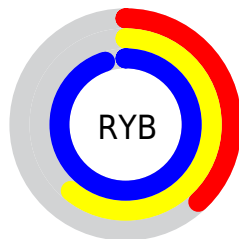
Distribution



Red (38%)

Green (75%)

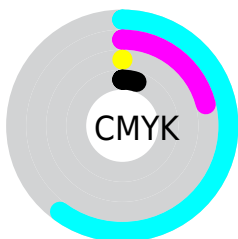
Blue (95%)



Red (38%)

Yellow (61%)

Blue (95%)

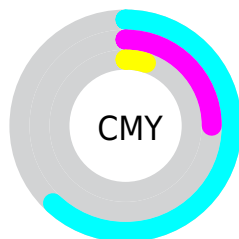


Cyan (60%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.5940, -72.0740, -4.3780 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 169.5940, -72.0740, -4.3780 by changing the saturation by 10% instead.

■ 169.5940,
-72.0740, -4.3780

■ 169.5940,
-72.0740, -4.3780

■ 255.0000, -0.0000,
-0.0000

■ 140.2730,
-75.6040, -6.4840

■ 222.1870,
-55.2910, -16.6910

■ 107.2820,
-88.9910, -11.6710

■ 235.2660,
-39.3360, -13.9920

■ 84.4570, -82.1140,
-9.6500

■ 244.2360,
-21.4560, -7.6320

■ 67.2910, -66.8470,
-5.4950

■ 253.5050, -2.9800,
-1.0600

■ 50.3530, -52.2220,
-0.7180

■ 34.5890, -38.1470,
3.0130

■ 20.8140, -25.5390,

5.7970

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 169.5940,
-72.0740, -4.3780

■ 169.5940,
-72.0740, -4.3780

■ 157.7220,
-84.1780, -5.2820

■ 181.4660,
-59.9700, -3.4740

■ 145.2630,
-96.0070, -5.6630

■ 193.9250,
-48.1410, -3.0930

■ 133.0920,
-108.7070, -6.7790

■ 206.0960,
-35.4410, -1.9770

■ 121.2200,
-120.8110, -7.6830

■ 218.5550,
-23.6120, -1.5960

■ 120.3340,
-121.1320, -7.3720

■ 230.4270,
-11.5080, -0.6920

■ 242.2990, 0.5960,
0.2120

■ 251.1700, 5.2730,
-1.9510

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

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



160.5560, -87.2470, -21.2550



169.5940, -72.0740, -4.3780



179.8420, -39.9370, 13.4310

Triad

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



169.5940, -72.0740, -4.3780



185.6630, 47.2660, 24.4660



175.2500, 1.1510, -26.3770

Complementary

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



169.5940, -72.0740, -4.3780



170.4060, 72.0740, 4.3780

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.



179.2490, 29.2550, -18.0810



169.5940, -72.0740, -4.3780



183.4660, 54.6500, 11.7860

Square

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



169.5940, -72.0740, -4.3780



186.7010, 26.9080, 29.9800



181.5600, 47.9130, -3.7910



170.1890, -32.4100, -29.3860

Rectangle

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



169.5940, -72.0740, -4.3780



184.2150, -15.8220, 22.4340



181.5600, 47.9130, -3.7910



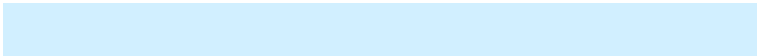
176.6920, 11.6500, -23.9180

Sweetspot

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



169.5940, -72.0740, -4.3780



231.8540, -23.0160, -1.3840



188.0000, -55.0080, -60.3840



113.4590, -14.5340, -0.9180



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.



169.5940, -72.0740, -4.3780



163.9000, -90.5510, -5.4230



128.5040, -52.8240, 32.2320



114.0640, -6.0520, -0.4520



91.4160, -92.0640, -5.5360



28.1030, -28.1510, -1.9350

Inverse Universe

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



151.7720, 55.6500, 59.7620



141.5710, 69.9980, 75.0700



211.4960, 52.8240, -32.2320



112.5000, 4.5840, 5.0320



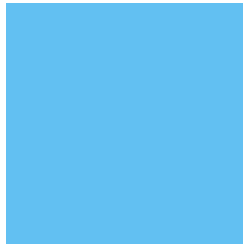
68.6960, 71.1440, 76.3280



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 169.5940, -72.0740, -4.3780 looks on a white background.

Color Contrast Check

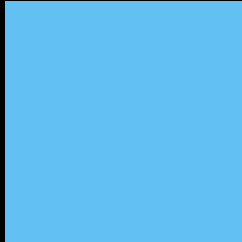
Large Text (above 18pt) WCAG AA × Fail

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 169.5940, -72.0740, -4.3780 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

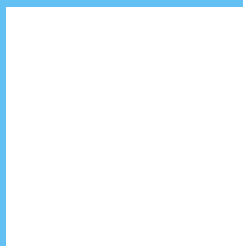
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 169.5940, -72.0740, -4.3780

Background



This preview shows how black text looks on a background with the YIQ color 169.5940, -72.0740, -4.3780.



This preview shows how white text looks on a background with the YIQ color 169.5940, -72.0740, -4.3780.

-4.3780.

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

169.5940, -72.0740, -4.3780

Protanopia

181.4540, -24.1650, 13.9390

Deuteranopia

180.8540, -31.0430, 17.4450



Tritanopia

165.3360, -71.8880, -18.7680

Trichromacy



Original Color

169.5940, -72.0740, -4.3780

Protanomaly

177.3700, -41.7240, 7.2680

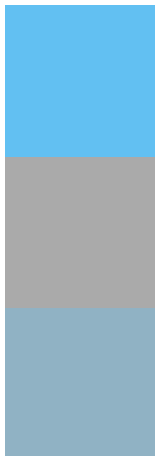
Deuteranomaly

176.7980, -45.8050, 9.6430

Tritanomaly

166.9110, -71.8890, -13.2410

Monochromacy



Original Color

169.5940, -72.0740, -4.3780

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8860, -26.0420, -1.6100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.5940, -72.0740, -4.3780 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(98, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(98, 192, 242)  
}
```

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(98, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 192, 242) }
```

Border

The CSS property to change the border of an element to YIQ 169.5940, -72.0740, -4.3780 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(98, 192, 242) }
```


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

```
.border{ border-color:rgb(98, 192, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 192, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(98, 192,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 169.5940, -72.0740, -4.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 192, 242) }
```

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

```
.background{ background-color: rgb(98, 192,  
242) }
```

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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