

Converting Colors

YIQ(154.2030, -69.4150,
-3.0070)

Have a look what the booklet for
YIQ(154.2030, -69.4150, -3.0070)
contains.

YIQ(154.2030, -69.4150, -3.0070)	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(154.2030, -69.4150,
-3.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	56AFE2
RGB	86, 175, 226
RGB Percent	34%, 69%, 89%
CMY	0.6629, 0.3136, 0.1140
CMYK	0.62, 0.23, 0.00, 0.11
HSL	202°, 71%, 61%
HSV	202°, 62%, 89%
XYZ	32.8873, 38.1374, 77.5216
YIQ	154.2030, -69.4150, -3.0070

Conversions

Conversions Part 2

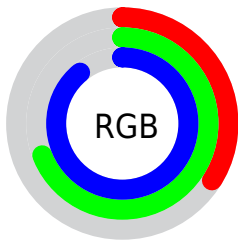
Format	Color
R _Y B	86, 140, 226
Decimal	5681122
CIE Lab	68.12, -11.57, -33.55
CIE LCh	68, 35.490, 250.968
Yxy	38.1374, 0.2214, 0.2567
Android (android.graphics.Color)	4283871202 (0xFF56AFE2)
YUV	154.2030, 35.3959, -59.8140
Hunter-Lab	61.7555, -13.0137, -31.1979

Details

The YIQ color **154.2030, -69.4150, -3.0070** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **157.7970, 69.4150, 3.0070**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0330, -57.4930, -9.8210**, and **91.5810, -88.3950, -11.4590** is the 20% darker color. If you saturate the color by 10%, you get **142.6300, -80.9230, -3.6990**, and if you desaturate by 10%, it is **165.7760, -57.9070, -2.3150**.

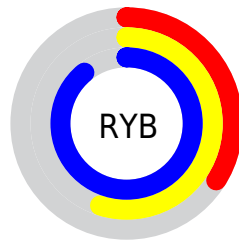
Distribution



Red (34%)

Green (69%)

Blue (89%)



Red (34%)

Yellow (55%)

Blue (89%)

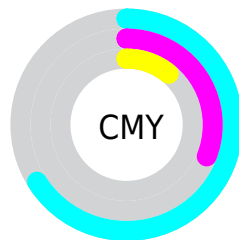


Cyan (62%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2030, -69.4150, -3.0070 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 154.2030, -69.4150, -3.0070 by changing the saturation by 10% instead.

■ 154.2030,
-69.4150, -3.0070

■ 154.2030,
-69.4150, -3.0070

■ 255.0000, -0.0000,
-0.0000

■ 124.6970,
-73.8620, -5.0140

■ 208.6200,
-57.7680, -10.3440

■ 91.5810, -88.3950,
-11.4590

■ 231.6780,
-46.4880, -16.5360

■ 73.9420, -73.1740,
-6.4700

■ 240.6480,
-28.6080, -10.1760

■ 56.8900, -58.2280,
-2.0040

■ 249.6180,
-10.7280, -3.8160

■ 41.1260, -44.1530,
1.7270

■ 26.0630, -30.6740,
5.2460

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 154.2030,
-69.4150, -3.0070

■ 154.2030,
-69.4150, -3.0070

■ 142.6300,
-80.9230, -3.6990

■ 165.7760,
-57.9070, -2.3150

■ 131.3560,
-91.8350, -4.1790

■ 177.0500,
-46.9950, -1.8350

■ 119.1960,
-103.0680, -4.3480

■ 189.2100,
-35.7620, -1.6660

■ 110.2920,
-112.1460, -5.0260

■ 200.4840,
-24.8500, -1.1860

■ 212.0570,
-13.3420, -0.4940

■ 223.6300, -1.8340,
0.1980

■ 235.4910, 8.8030,
0.1550

■ 243.4760, 13.1590,
-1.6970

■ 248.1720, 10.9590,
-5.8810

Harmonies

Analogous

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



142.4030, -91.1900, -21.3820



154.2030, -69.4150, -3.0070



164.8210, -35.4440, 14.6040

Triad

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



154.2030, -69.4150, -3.0070



168.9080, 47.9540, 23.0100



158.5100, -2.5170, -25.9810

Complementary

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



154.2030, -69.4150, -3.0070



157.7970, 69.4150, 3.0070

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.



162.8680, 25.9540, -18.8300



154.2030, -69.4150, -3.0070



167.6290, 52.6330, 9.7930

Square

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



154.2030, -69.4150, -3.0070



170.5440, 28.7880, 28.9480



165.5380, 44.9790, -5.6850



153.4490, -36.0780, -28.9900

Rectangle

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



154.2030, -69.4150, -3.0070



168.4820, -12.2000, 22.8720



165.5380, 44.9790, -5.6850



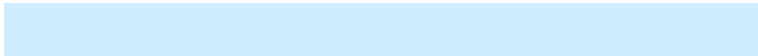
160.4250, 8.0280, -24.3560

Sweetspot

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



154.2030, -69.4150, -3.0070



230.0820, -23.6580, -0.7620



173.7660, -54.2290, -57.9810



112.5730, -14.8550, -0.6070



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.



154.2030, -69.4150, -3.0070



157.9860, -93.6690, -3.9810



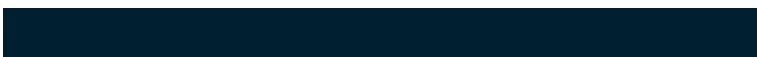
114.2870, -50.7150, 32.5570



106.3630, -5.4560, -0.2400



85.8080, -87.2960, -3.8400



23.6690, -23.9330, -1.2850

Inverse Universe

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



138.0060, 54.8710, 57.3590



136.1910, 74.1240, 77.3880



197.7130, 50.7150, -32.5570



105.0870, 4.3090, 4.5090



65.3920, 68.9440, 72.1440



17.8860, 18.6570, 19.8170

Previews

White Background



This preview shows how the YIQ color 154.2030, -69.4150, -3.0070 looks on a white background.

Color Contrast Check

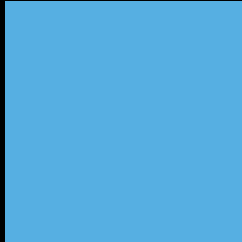
Large Text (above 18pt) WCAG AA × Fail

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 154.2030, -69.4150, -3.0070 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

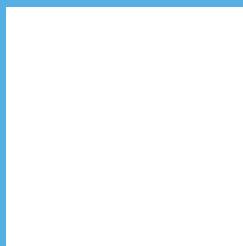
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.2030, -69.4150, -3.0070

Background



This preview shows how black text looks on a background with the YIQ color 154.2030, -69.4150, -3.0070.



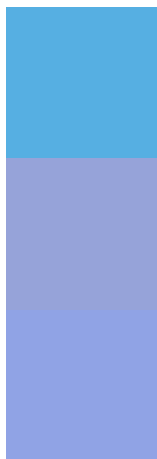
This preview shows how white text looks on a background with the YIQ color 154.2030, -69.4150, -3.0070.

-3.0070.

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

154.2030, -69.4150, -3.0070

Protanopia

165.2690, -25.0820, 14.0380

Deuteranopia

164.8430, -32.5100, 16.4980



Tritanopia

149.7060, -70.0540, -18.9660

Trichromacy



Original Color

154.2030, -69.4150, -3.0070

Protanomaly

161.0820, -40.8530, 8.0030

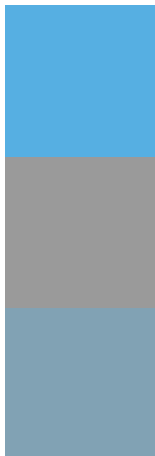
Deuteranomaly

160.7980, -45.8050, 9.6430

Tritanomaly

151.2810, -70.0550, -13.4390

Monochromacy



Original Color

154.2030, -69.4150, -3.0070

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1850, -25.4460, -1.3980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2030, -69.4150, -3.0070 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(86, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(86, 175, 226)  
}
```

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(86, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 175, 226) }
```

Border

The CSS property to change the border of an element to YIQ 154.2030, -69.4150, -3.0070 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(86, 175, 226) }
```


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

```
.border{ border-color:rgb(86, 175, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 175, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 175, 226);  
box-shadow:4px 4px 4px 4px rgb(86, 175,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2030, -69.4150, -3.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 175, 226) }
```

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

```
.background{ background-color: rgb(86, 175,  
226) }
```

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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