

Converting Colors

YIQ(150.8070, -94.7230,
-6.9070)

Have a look what the booklet for
YIQ(150.8070, -94.7230, -6.9070)
contains.

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Color

**YIQ(150.8070, -94.7230,
-6.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	38B5F4
RGB	56, 181, 244
RGB Percent	22%, 71%, 96%
CMY	0.7806, 0.2900, 0.0436
CMYK	0.77, 0.26, 0.00, 0.04
HSL	200°, 89%, 59%
HSV	200°, 77%, 96%
XYZ	34.4745, 40.4331, 91.4891
YIQ	150.8070, -94.7230, -6.9070

Conversions

Conversions Part 2

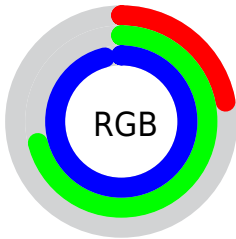
Format	Color
R _Y B	56, 131, 244
Decimal	3716596
CIE Lab	69.78, -13.15, -40.84
CIE LCh	70, 42.900, 252.152
Yxy	40.4331, 0.2072, 0.2430
Android (android.graphics.Color)	4281906676 (0xFF38B5F4)
YUV	150.8070, 45.9441, -83.1457
Hunter-Lab	63.5870, -14.5014, -40.7956

Details

The YIQ color **150.8070, -94.7230, -6.9070** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **149.1930, 94.7230, 6.9070**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.7600, -70.1460, -17.2980**, and **96.4540, -95.2270, -8.7870** is the 20% darker color. If you saturate the color by 10%, you get **138.9350, -106.8270, -7.8110**, and if you desaturate by 10%, it is **162.6790, -82.6190, -6.0030**.

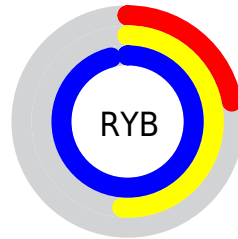
Distribution



Red (22%)

Green (71%)

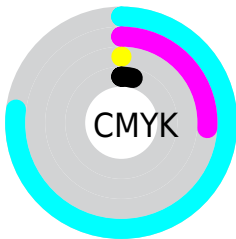
Blue (96%)



Red (22%)

Yellow (51%)

Blue (96%)

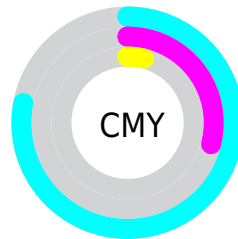


Cyan (77%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (78%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.8070, -94.7230, -6.9070 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 150.8070, -94.7230, -6.9070 by changing the saturation by 10% instead.

■ 150.8070,
-94.7230, -6.9070

■ 150.8070,
-94.7230, -6.9070

■ 255.0000, -0.0000,
-0.0000

■ 114.9080,
-111.3650, -13.6770

■ 206.7600,
-70.1460, -17.2980

■ 96.4540, -95.2270,
-8.7870

■ 226.8940,
-56.0240, -19.9280

■ 78.7010, -79.6850,
-4.1090

■ 236.1630,
-37.5480, -13.3560

■ 61.6490, -64.7390,
0.3570

■ 245.4320,
-19.0720, -6.7840

■ 45.7710, -50.3430,
3.7770

■ 254.7010, -0.5960,
-0.2120

■ 30.5940, -36.5430,
6.9850

■ 10.3620, -20.9100,

15.5220

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 150.8070,
-94.7230, -6.9070

■ 150.8070,
-94.7230, -6.9070

■ 138.9350,
-106.8270, -7.8110

■ 162.6790,
-82.6190, -6.0030

■ 126.7640,
-119.5270, -8.9270

■ 174.8500,
-69.9190, -4.8870

■ 122.9100,
-122.8740, -8.8420

■ 187.3090,
-58.0900, -4.5060

■ 199.4800,
-45.3900, -3.3900

■ 211.3520,
-33.2860, -2.4860

■ 223.2240,
-21.1820, -1.5820

■ 235.3950, -8.4820,
-0.4660

■ 247.2670, 3.6220,
0.4380

■ 253.1590, 3.8060,
-2.8980

Harmonies

Analogous

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



135.6640, -122.9620, -29.2820



150.8070, -94.7230, -6.9070



168.5090, -43.1930, 17.3750

Triad

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



150.8070, -94.7230, -6.9070



172.6320, 57.7190, 27.7590



161.0380, -4.3040, -32.1440

Complementary

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



150.8070, -94.7230, -6.9070



149.1930, 94.7230, 6.9070

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.



165.9730, 29.8520, -23.3960



150.8070, -94.7230, -6.9070



171.1310, 62.9030, 10.8950

Square

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



150.8070, -94.7230, -6.9070



174.6530, 36.0310, 35.3510



169.1490, 53.3240, -8.2440



152.5890, -48.4560, -35.9440

Rectangle

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



150.8070, -94.7230, -6.9070



173.4590, -13.3930, 27.9750



169.1490, 53.3240, -8.2440



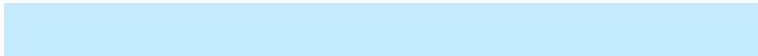
162.8500, 8.0290, -29.8830

Sweetspot

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



150.8070, -94.7230, -6.9070



225.6190, -29.6640, -2.0480



173.5380, -71.9230, -78.7310



110.1920, -18.1560, -1.3560



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.



150.8070, -94.7230, -6.9070



138.9490, -118.6100, -9.0260



95.6290, -68.8730, 42.2550



116.0640, -6.0520, -0.4520



93.9920, -93.8060, -7.0060



29.6190, -29.6640, -2.0480

Inverse Universe

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



126.4620, 71.9230, 78.7310



108.1630, 89.6630, 98.6470



204.3710, 68.8730, -42.2550



114.5000, 4.5840, 5.0320



69.7500, 71.0520, 77.9960



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 150.8070, -94.7230, -6.9070 looks on a white background.

Color Contrast Check

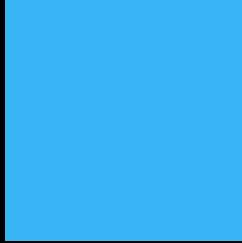
Large Text (above 18pt) WCAG AA × Fail

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 150.8070, -94.7230, -6.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

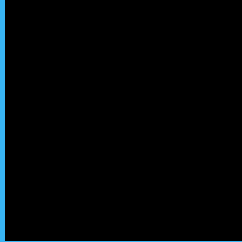
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

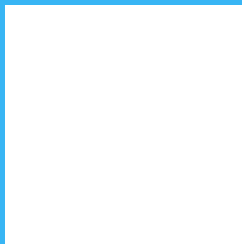
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 150.8070, -94.7230, -6.9070

Background



This preview shows how black text looks on a background with the YIQ color 150.8070, -94.7230, -6.9070.



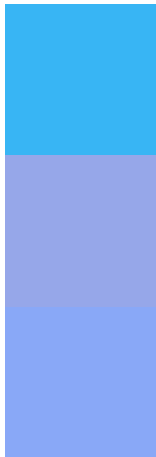
This preview shows how white text looks on a background with the YIQ color 150.8070, -94.7230, -6.9070.

-6.9070.

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

150.8070, -94.7230, -6.9070

Protanopia

169.4410, -31.3180, 16.9220

Deuteranopia

167.7370, -43.8350, 17.9970



Tritanopia

133.4980, -116.8630, -35.1910

Trichromacy



Original Color

150.8070, -94.7230, -6.9070

Protanomaly

162.6660, -54.2410, 8.3430

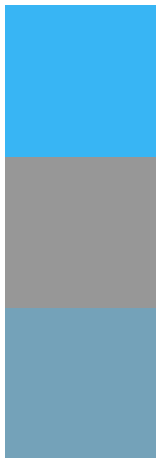
Deuteranomaly

161.8870, -62.1730, 8.9230

Tritanomaly

139.4270, -108.9330, -24.7170

Monochromacy



Original Color

150.8070, -94.7230, -6.9070

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.8680, -34.7990, -2.5990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8070, -94.7230, -6.9070 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(56, 181, 244)` looks like.

```
.text, #text, p{  
    color:rgb(56, 181, 244)  
}
```

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(56, 181, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 181, 244) }
```

Border

The CSS property to change the border of an element to YIQ 150.8070, -94.7230, -6.9070 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(56, 181, 244) }
```


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

```
.border{ border-color:rgb(56, 181, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 181, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 181, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 181, 244);  
box-shadow:4px 4px 4px 4px rgb(56, 181,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8070, -94.7230, -6.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 181, 244) }
```

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

```
.background{ background-color: rgb(56, 181,  
244) }
```

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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