

Converting Colors

YIQ(154.2410, -98.9410,
-7.5570)

Have a look what the booklet for
YIQ(154.2410, -98.9410, -7.5570)
contains.

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Color

**YIQ(154.2410, -98.9410,
-7.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	37BAFB
RGB	55, 186, 251
RGB Percent	22%, 73%, 98%
CMY	0.7845, 0.2704, 0.0161
CMYK	0.78, 0.26, 0.00, 0.02
HSL	200°, 96%, 60%
HSV	200°, 78%, 98%
XYZ	36.5371, 42.9093, 97.5301
YIQ	154.2410, -98.9410, -7.5570

Conversions

Conversions Part 2

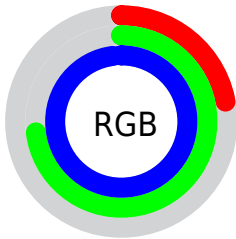
Format	Color
R _Y B	55, 134, 251
Decimal	3652347
CIE Lab	71.49, -13.57, -41.94
CIE LCh	71, 44.083, 252.068
Yxy	42.9093, 0.2065, 0.2425
Android (android.graphics.Color)	4281842427 (0xFF37BAFB)
YUV	154.2410, 47.7022, -87.0344
Hunter-Lab	65.5052, -15.0714, -42.4227

Details

The YIQ color **154.2410, -98.9410, -7.5570** 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 **151.7590, 98.9410, 7.5570**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.9940, -70.9250, -19.7010**, and **100.1870, -98.8490, -9.2250** is the 20% darker color. If you saturate the color by 10%, you get **142.0700, -111.6410, -8.6730**, and if you desaturate by 10%, it is **166.4120, -86.2410, -6.4410**.

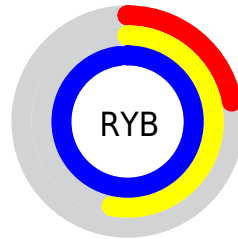
Distribution



Red (22%)

Green (73%)

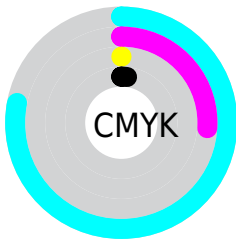
Blue (98%)



Red (22%)

Yellow (53%)

Blue (98%)

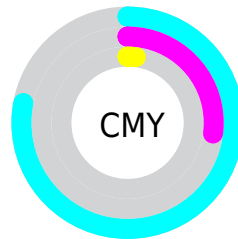


Cyan (78%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2410, -98.9410, -7.5570 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 154.2410, -98.9410, -7.5570 by changing the saturation by 10% instead.

■ 154.2410,
-98.9410, -7.5570

■ 154.2410,
-98.9410, -7.5570

■ 255.0000, -0.0000,
-0.0000

■ 118.6410,
-114.9870, -14.1150

■ 209.9940,
-70.9250, -19.7010

■ 100.1870,
-98.8490, -9.2250

■ 227.1930,
-55.4280, -19.7160

■ 82.4340, -83.3070,
-4.5470

■ 236.4620,
-36.9520, -13.1440

■ 65.2680, -68.0400,
-0.3920

■ 246.0300,
-17.8800, -6.3600

■ 48.8030, -53.3690,
3.5510

■ 33.0390, -39.2940,
7.2820

■ 16.8020, -25.2650,

11.8470

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 154.2410,
-98.9410, -7.5570

■ 154.2410,
-98.9410, -7.5570

■ 142.0700,
-111.6410, -8.6730

■ 166.4120,
-86.2410, -6.4410

■ 129.3120,
-124.0660, -9.2660

■ 179.1700,
-73.8160, -5.8480

■ 127.2300,
-126.7710, -9.8030

■ 191.3410,
-61.1160, -4.7320

■ 203.5120,
-48.4160, -3.6160

■ 216.2700,
-35.9910, -3.0230

■ 228.4410,
-23.2910, -1.9070

■ 240.9110, -9.9950,
-0.5790

■ 252.7830, 2.1090,
0.3250

■ 254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



139.8700, -126.5380, -30.5540



154.2410, -98.9410, -7.5570



173.1390, -45.0270, 17.5730

Triad

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



154.2410, -98.9410, -7.5570



177.5290, 59.5070, 28.3950



165.2120, -4.8540, -33.1900

Complementary

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



154.2410, -98.9410, -7.5570



151.7590, 98.9410, 7.5570

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.



170.6310, 30.8150, -24.3290



154.2410, -98.9410, -7.5570



175.9140, 65.0120, 11.2200

Square

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



154.2410, -98.9410, -7.5570



179.7780, 37.1770, 36.6090



173.6330, 54.8370, -8.1310



156.5780, -49.9230, -36.8910

Rectangle

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



154.2410, -98.9410, -7.5570



178.6870, -14.0350, 28.5970



173.6330, 54.8370, -8.1310



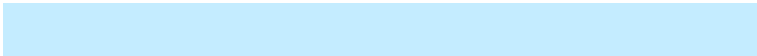
167.2090, 8.3960, -31.0280

Sweetspot

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



154.2410, -98.9410, -7.5570



226.2060, -29.9390, -2.5710



177.1200, -73.8020, -83.2260



110.1920, -18.1560, -1.3560



0.0000, 0.0000, 0.0000



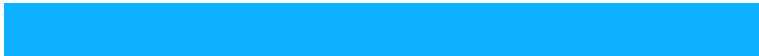
128.0000, -0.0000, -0.0000

Same Dimension

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



154.2410, -98.9410, -7.5570



136.8670, -121.3150, -9.5630



98.4760, -72.8160, 42.1280



118.7650, -6.6480, -0.6640



95.5080, -95.3190, -7.1190



31.0210, -30.8560, -2.4720

Inverse Universe

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



128.5380, 74.7650, 82.2930



105.1140, 91.3590, 100.9510



207.5240, 72.8160, -42.1280



116.9130, 4.8590, 5.5550



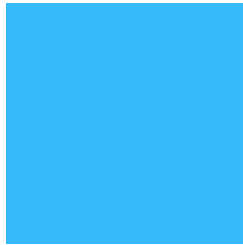
70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 154.2410, -98.9410, -7.5570 looks on a white background.

Color Contrast Check

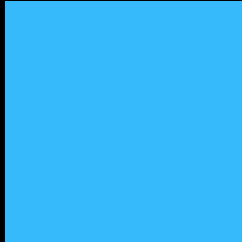
Large Text (above 18pt) WCAG AA × Fail

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 154.2410, -98.9410, -7.5570 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

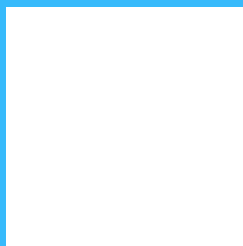
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.2410, -98.9410, -7.5570

Background



This preview shows how black text looks on a background with the YIQ color 154.2410, -98.9410, -7.5570.



This preview shows how white text looks on a background with the YIQ color 154.2410, -98.9410, -7.5570.

-7.5570.

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

154.2410, -98.9410, -7.5570

Protanopia

173.6690, -31.9600, 17.5440

Deuteranopia

172.3670, -45.6690, 18.1950



Tritanopia

137.1170, -120.1640, -35.9400

Trichromacy



Original Color

154.2410, -98.9410, -7.5570

Protanomaly

166.2960, -56.0750, 8.5410

Deuteranomaly

165.9190, -65.1990, 8.6970

Tritanomaly

143.0460, -112.2340, -25.4660

Monochromacy



Original Color

154.2410, -98.9410, -7.5570

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.2700, -35.9910, -3.0230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2410, -98.9410, -7.5570 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(55, 186, 251)` looks like.

```
.text, #text, p{  
    color:rgb(55, 186, 251)  
}
```

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(55, 186, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 186, 251) }
```

Border

The CSS property to change the border of an element to YIQ 154.2410, -98.9410, -7.5570 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(55, 186, 251) }
```


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

```
.border{ border-color:rgb(55, 186, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 186, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 186, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 186, 251);  
box-shadow:4px 4px 4px 4px rgb(55, 186,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2410, -98.9410, -7.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 186, 251) }
```

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

```
.background{ background-color: rgb(55, 186,  
251) }
```

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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