

Converting Colors

YIQ(154.7700, -74.9650, 9.4750)

Have a look what the booklet for
YIQ(154.7700, -74.9650, 9.4750)
contains.

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Color

**YIQ(154.7700, -74.9650,
9.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	59A9FE
RGB	89, 169, 254
RGB Percent	35%, 66%, 100%
CMY	0.6511, 0.3371, 0.0043
CMYK	0.65, 0.33, 0.00, 0.00
HSL	211°, 99%, 67%
HSV	211°, 65%, 100%
XYZ	36.1853, 37.6605, 99.0502
YIQ	154.7700, -74.9650, 9.4750

Conversions

Conversions Part 2

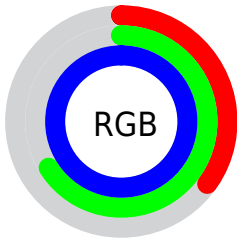
Format	Color
R _Y B	89, 143, 254
Decimal	5876222
CIE Lab	67.77, 1.31, -49.36
CIE LCh	68, 49.376, 271.517
Yxy	37.6605, 0.2093, 0.2178
Android (android.graphics.Color)	4284066302 (0xFF59A9FE)
YUV	154.7700, 48.9204, -57.6803
Hunter-Lab	61.3681, -2.1430, -52.7383

Details

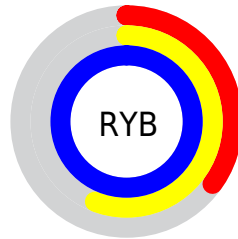
The YIQ color **154.7700, -74.9650, 9.4750** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **188.2300, 74.9650, -9.4750**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.3050, -52.2670, -5.4110**, and **91.1370, -95.4120, 0.0760** is the 20% darker color. If you saturate the color by 10%, you get **139.6640, -86.2900, 10.9740**, and if you desaturate by 10%, it is **169.8760, -63.6400, 7.9760**.

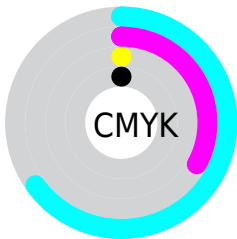
Distribution



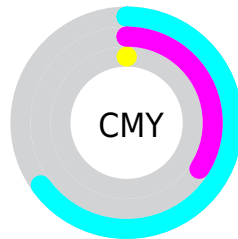
- Red (35%)
- Green (66%)
- Blue (100%)



- Red (35%)
- Yellow (56%)
- Blue (100%)



- Cyan (65%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.7700, -74.9650, 9.4750 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 154.7700, -74.9650, 9.4750 by changing the saturation by 10% instead.

■ 154.7700,
-74.9650, 9.4750

■ 154.7700,
-74.9650, 9.4750

■ 255.0000, -0.0000,
-0.0000

■ 124.8400,
-81.1540, 5.9980

■ 206.3050,
-52.2670, -5.4110

■ 91.1370, -95.4120,
0.0760

■ 231.7110,
-42.0870, -13.6950

■ 73.8570, -79.8240,
3.9200

■ 242.7410,
-24.4360, -8.6920

■ 57.2780, -64.8320,
7.5520

■ 251.7110, -6.5560,
-2.3320

■ 41.4000, -50.4360,
10.9720

■ 27.3970, -37.1860,
13.1340

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 154.7700,
-74.9650, 9.4750

■ 154.7700,
-74.9650, 9.4750

■ 139.6640,
-86.2900, 10.9740

■ 169.8760,
-63.6400, 7.9760

■ 124.2590,
-98.2110, 12.2610

■ 185.2810,
-51.7190, 6.6890

■ 109.1530,
-109.5360, 13.7600

■ 200.3870,
-40.3940, 5.1900

■ 101.1570,
-115.3590, 14.6650

■ 215.7920,
-28.4730, 3.9030

■ 230.8980,
-17.1480, 2.4040

■ 246.0040, -5.8230,
0.9050

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



133.9490, -127.7780, -19.0900



154.7700, -74.9650, 9.4750



168.4140, -17.5200, 31.1840

Triad

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



154.7700, -74.9650, 9.4750



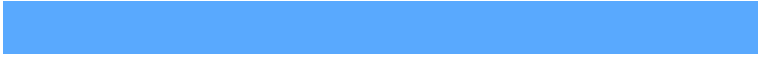
165.4190, 71.2000, 20.2240



147.2170, -38.7810, -40.5810

Complementary

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



154.7700, -74.9650, 9.4750



188.2300, 74.9650, -9.4750

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.



156.1720, 9.8180, -34.7740



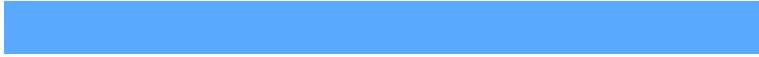
154.7700, -74.9650, 9.4750



163.4820, 65.7480, -2.1240

Square

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



154.7700, -74.9650, 9.4750



166.9130, 58.7260, 37.0460



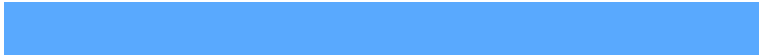
160.5140, 44.3860, -22.4780



129.2800, -104.9860, -46.6980

Rectangle

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



154.7700, -74.9650, 9.4750



170.1530, 14.2520, 39.0840



160.5140, 44.3860, -22.4780



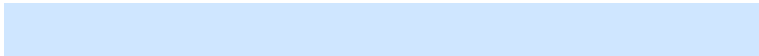
151.1390, -20.9460, -38.9140

Sweetspot

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



154.7700, -74.9650, 9.4750



225.9730, -21.7330, 2.8990



195.2030, -71.6970, -60.7930



109.6380, -13.4800, 2.0080



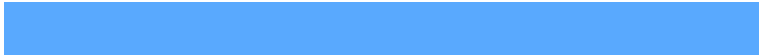
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



154.7700, -74.9650, 9.4750



135.6250, -90.5540, 11.1580



107.8100, -52.9650, 51.3150



120.0040, -5.8230, 0.9050



76.3650, -86.8860, 10.7620



25.4930, -29.0690, 3.6910

Inverse Universe

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



147.4550, 72.6600, 59.8600



126.5590, 87.4670, 72.3550



235.1900, 52.9650, -51.3150



119.5710, 5.8220, 4.6220



67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 154.7700, -74.9650, 9.4750 looks on a white background.

Color Contrast Check

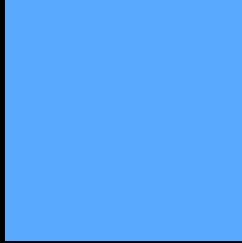
Large Text (above 18pt) WCAG AA × Fail

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 154.7700, -74.9650, 9.4750 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

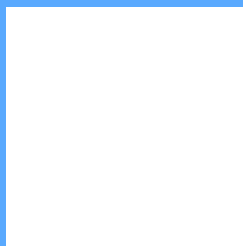
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.7700, -74.9650, 9.4750

Background



This preview shows how black text looks on a background with the YIQ color 154.7700, -74.9650, 9.4750.



This preview shows how white text looks on a background with the YIQ color 154.7700, -74.9650, 9.4750.

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

154.7700, -74.9650, 9.4750

Protanopia

162.7310, -43.6980, 21.0220

Deuteranopia

160.3210, -57.2230, 18.3370



Tritanopia

145.2210, -78.9940, -22.1460

Trichromacy



Original Color

154.7700, -74.9650, 9.4750

Protanomaly

160.0500, -55.0220, 16.9940

Deuteranomaly

158.5050, -63.7330, 15.1710

Tritanomaly

148.8550, -77.4830, -10.9790

Monochromacy



Original Color

154.7700, -74.9650, 9.4750

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.8630, -27.2350, 3.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7700, -74.9650, 9.4750 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(89, 169, 254)` looks like.

```
.text, #text, p{  
    color:rgb(89, 169, 254)  
}
```

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(89, 169, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 169, 254) }
```

Border

The CSS property to change the border of an element to YIQ 154.7700, -74.9650, 9.4750 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(89, 169, 254) }
```


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

```
.border{ border-color:rgb(89, 169, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 169, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 169, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 169, 254);  
box-shadow:4px 4px 4px 4px rgb(89, 169,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7700, -74.9650, 9.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 169, 254) }
```

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

```
.background{ background-color: rgb(89, 169,  
254) }
```

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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