

Converting Colors

YIQ(154.7410, -49.6580,
18.9020)

Have a look what the booklet for
YIQ(154.7410, -49.6580, 18.9020)
contains.

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Color

**YIQ(154.7410, -49.6580,
18.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	779CF2
RGB	119, 156, 242
RGB Percent	47%, 61%, 95%
CMY	0.5333, 0.3882, 0.0512
CMYK	0.51, 0.36, 0.00, 0.05
HSL	222°, 82%, 71%
HSV	222°, 51%, 95%
XYZ	35.5146, 34.1103, 88.6636
YIQ	154.7410, -49.6580, 18.9020

Conversions

Conversions Part 2

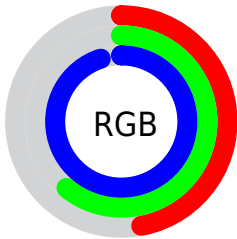
Format	Color
R _Y B	119, 147, 242
Decimal	7838962
CIE Lab	65.05, 10.78, -47.02
CIE LCh	65, 48.241, 282.908
Yxy	34.1103, 0.2244, 0.2155
Android (android.graphics.Color)	4286029042 (0xFF779CF2)
YUV	154.7410, 43.0187, -31.3449
Hunter-Lab	58.4040, 6.3360, -49.1258

Details

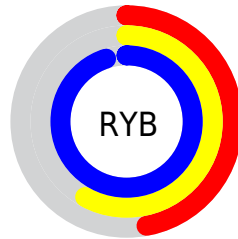
The YIQ color **154.7410, -49.6580, 18.9020** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **206.2590, 49.6580, -18.9020**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.2630, -34.1130, 6.9990**, and **100.0670, -53.6920, 14.9160** is the 20% darker color. If you saturate the color by 10%, you get **137.5860, -59.2870, 22.7050**, and if you desaturate by 10%, it is **171.8960, -40.0290, 15.0990**.

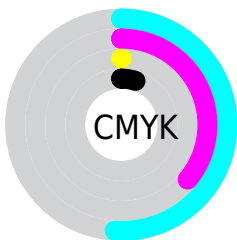
Distribution



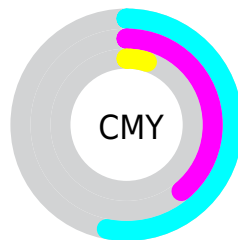
- Red (47%)
- Green (61%)
- Blue (95%)



- Red (47%)
- Yellow (58%)
- Blue (95%)



- Cyan (51%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.7410, -49.6580, 18.9020 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 154.7410, -49.6580, 18.9020 by changing the saturation by 10% instead.

■ 154.7410,
-49.6580, 18.9020

■ 154.7410,
-49.6580, 18.9020

■ 255.0000, -0.0000,
-0.0000

■ 127.5020,
-50.4830, 17.3330

■ 205.2630,
-34.1130, 6.9990

■ 100.0670,
-53.6920, 14.9160

■ 230.3700,
-24.5290, -1.4970

■ 70.0440, -64.0530,
9.9550

■ 249.3190,
-11.3240, -4.0280

■ 49.6810, -58.5970,
10.1950

■ 34.3900, -44.4760,
13.0920

■ 19.8000, -30.9510,
15.7770

■ 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 154.7410,
-49.6580, 18.9020

■ 154.7410,
-49.6580, 18.9020

■ 137.5860,
-59.2870, 22.7050

■ 171.8960,
-40.0290, 15.0990

■ 120.4310,
-68.9160, 26.5080

■ 189.0510,
-30.4000, 11.2960

■ 102.9770,
-79.1410, 30.0990

■ 206.5050,
-20.1750, 7.7050

■ 85.8220, -88.7700,
33.9020

■ 223.6600,
-10.5460, 3.9020

■ 70.4390, -97.7570,
37.0830

■ 240.8150, -0.9170,
0.0990

■ 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.



126.5630, -123.5150, -13.7470



154.7410, -49.6580, 18.9020



162.1020, 1.0940, 35.2540

Triad

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



154.7410, -49.6580, 18.9020



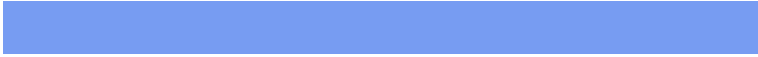
157.4800, 69.2300, 11.8700



133.4730, -62.9890, -42.3890

Complementary

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



154.7410, -49.6580, 18.9020



206.2590, 49.6580, -18.9020

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.



146.7340, -6.5040, -36.3280



154.7410, -49.6580, 18.9020



155.7210, 57.4050, -10.6190

Square

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



154.7410, -49.6580, 18.9020



159.1490, 63.6330, 30.7130



151.8220, 31.5950, -27.4530



125.7240, -105.9960, -39.4040

Rectangle

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



154.7410, -49.6580, 18.9020



162.5800, 29.1070, 39.6910



151.8220, 31.5950, -27.4530



140.2600, -40.3400, -39.8600

Sweetspot

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



154.7410, -49.6580, 18.9020



227.7890, -15.2230, 6.0650



200.7770, -60.7890, -38.2050



111.1440, -9.0330, 4.0150



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.



154.7410, -49.6580, 18.9020



144.3730, -63.0010, 23.9350



139.8990, -25.7750, 43.1290



111.1290, -4.6770, 2.1630



53.2610, -74.1890, 28.4590



16.3630, -22.6510, 8.5250

Inverse Universe

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



159.9950, 61.4310, 37.5830



151.0020, 77.8890, 47.6890



221.1010, 25.7750, -43.1290



111.9300, 6.1890, 3.4770



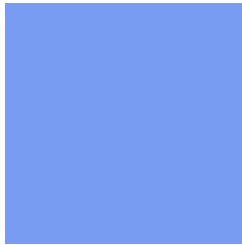
61.2860, 92.0090, 56.1130



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 154.7410, -49.6580, 18.9020 looks on a white background.

Color Contrast Check

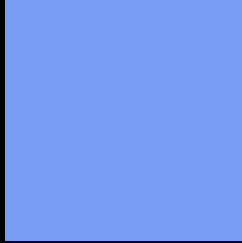
Large Text (above 18pt) WCAG AA × Fail

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 154.7410, -49.6580, 18.9020 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

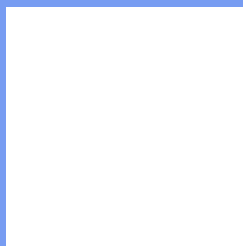
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.7410, -49.6580, 18.9020

Background



This preview shows how black text looks on a background with the YIQ color 154.7410, -49.6580, 18.9020.



This preview shows how white text looks on a background with the YIQ color 154.7410, -49.6580,

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

154.7410, -49.6580, 18.9020

Protanopia

155.8450, -44.0190, 21.3330

Deuteranopia

154.1320, -52.3170, 17.5310



Tritanopia

148.9650, -45.6180, -10.2740

Trichromacy



Original Color

154.7410, -49.6580, 18.9020

Protanomaly

155.5350, -46.0820, 20.1740

Deuteranomaly

154.4310, -51.7210, 17.7430

Tritanomaly

151.2180, -47.4080, 0.1440

Monochromacy



Original Color

154.7410, -49.6580, 18.9020

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.7610, -18.0200, 7.1960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7410, -49.6580, 18.9020 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(119, 156, 242)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 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(119, 156, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 242) }
```

Border

The CSS property to change the border of an element to YIQ 154.7410, -49.6580, 18.9020 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(119, 156, 242) }
```


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

```
.border{ border-color:rgb(119, 156, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 242);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7410, -49.6580, 18.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 156, 242) }
```

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

```
.background{ background-color: rgb(119,  
156, 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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