

Converting Colors

YIQ(159.7790, -52.8210,
15.6510)

Have a look what the booklet for
YIQ(159.7790, -52.8210, 15.6510)
contains.

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Color

**YIQ(159.7790, -52.8210,
15.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	77A4F5
RGB	119, 164, 245
RGB Percent	47%, 64%, 96%
CMY	0.5334, 0.3568, 0.0395
CMYK	0.51, 0.33, 0.00, 0.04
HSL	219°, 86%, 71%
HSV	219°, 51%, 96%
XYZ	37.3555, 37.0670, 91.5164
YIQ	159.7790, -52.8210, 15.6510

Conversions

Conversions Part 2

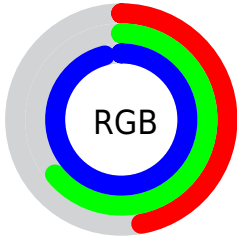
Format	Color
R _Y B	119, 152, 245
Decimal	7841013
CIE Lab	67.33, 7.08, -45.08
CIE LCh	67, 45.630, 278.925
Yxy	37.0670, 0.2251, 0.2234
Android (android.graphics.Color)	4286031093 (0xFF77A4F5)
YUV	159.7790, 42.0140, -35.7632
Hunter-Lab	60.8827, 2.9766, -46.5045

Details

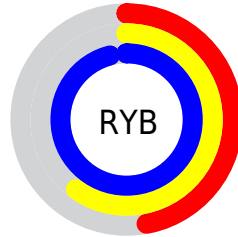
The YIQ color **159.7790, -52.8210, 15.6510** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **204.2210, 52.8210, -15.6510**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5460, -36.5880, 2.2920**, and **105.1050, -56.8550, 11.6650** is the 20% darker color. If you saturate the color by 10%, you get **142.9120, -63.3210, 18.7190**, and if you desaturate by 10%, it is **176.3470, -42.9170, 12.3710**.

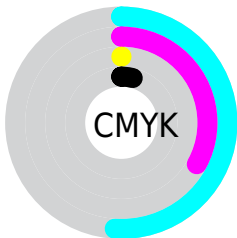
Distribution



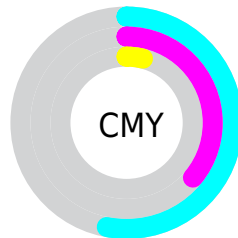
- Red (47%)
- Green (64%)
- Blue (96%)



- Red (47%)
- Yellow (60%)
- Blue (96%)



- Cyan (51%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.7790, -52.8210, 15.6510 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 159.7790, -52.8210, 15.6510 by changing the saturation by 10% instead.

■ 159.7790,
-52.8210, 15.6510

■ 159.7790,
-52.8210, 15.6510

■ 255.0000, -0.0000,
-0.0000

■ 132.2410,
-54.2420, 13.8700

■ 210.5460,
-36.5880, 2.2920

■ 105.1050,
-56.8550, 11.6650

■ 235.9520,
-26.4080, -5.9920

■ 74.1850, -69.0040,
6.0680

■ 249.3190,
-11.3240, -4.0280

■ 54.0180, -61.1640,
7.1560

■ 38.2540, -47.0890,
10.8870

■ 24.2510, -33.8390,
13.0490

■ 10.3620, -20.9100,

15.5220

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 159.7790,
-52.8210, 15.6510

■ 159.7790,
-52.8210, 15.6510

■ 142.9120,
-63.3210, 18.7190

■ 176.3470,
-42.9170, 12.3710

■ 126.9310,
-73.5000, 21.4760

■ 192.6270,
-32.1420, 9.8260

■ 110.3630,
-83.4040, 24.7560

■ 209.1950,
-22.2380, 6.5460

■ 93.4960, -93.9040,
27.8240

■ 226.0620,
-11.7380, 3.4780

■ 79.5860,
-102.8450, 30.1710

■ 242.6300, -1.8340,
0.1980

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



130.6720, -125.4400, -17.4080



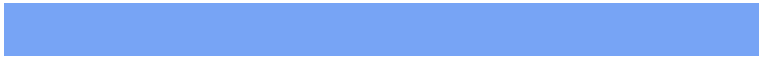
159.7790, -52.8210, 15.6510



167.8840, -4.2240, 32.5120

Triad

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



159.7790, -52.8210, 15.6510



163.9790, 66.3870, 13.8350



145.3070, -47.7220, -38.2340

Complementary

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



159.7790, -52.8210, 15.6510



204.2210, 52.8210, -15.6510

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.



154.2510, -0.5900, -33.3740



159.7790, -52.8210, 15.6510



162.2420, 57.4960, -6.7600

Square

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



159.7790, -52.8210, 15.6510



166.1100, 59.3690, 30.8970



159.4850, 34.1620, -24.4140



128.5450, -107.0500, -42.3300

Rectangle

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



159.7790, -52.8210, 15.6510



169.1770, 22.8720, 37.0480



159.4850, 34.1620, -24.4140



148.9300, -30.4830, -36.7790

Sweetspot

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



159.7790, -52.8210, 15.6510



228.9630, -15.7730, 5.0190



202.0820, -60.3300, -41.0180



112.3180, -9.5830, 2.9690



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.



159.7790, -52.8210, 15.6510



147.8840, -66.1180, 19.8500



138.4470, -30.3140, 42.7900



114.3030, -5.2270, 1.1170



60.5330, -78.1310, 22.8050



19.0530, -24.7140, 7.3660

Inverse Universe

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



161.8040, 60.6510, 40.7070



150.6260, 76.1920, 50.9120



225.5530, 30.3140, -42.7900



114.1580, 5.5470, 4.0990



63.2520, 89.3490, 60.2690



20.0350, 28.4230, 19.0390

Previews

White Background



This preview shows how the YIQ color 159.7790, -52.8210, 15.6510 looks on a white background.

Color Contrast Check

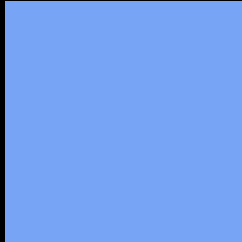
Large Text (above 18pt) WCAG AA × Fail

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 159.7790, -52.8210, 15.6510 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 159.7790, -52.8210, 15.6510

Background



This preview shows how black text looks on a background with the YIQ color 159.7790, -52.8210, 15.6510.



This preview shows how white text looks on a background with the YIQ color 159.7790, -52.8210, 15.6510.

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

159.7790, -52.8210, 15.6510

Protanopia

162.7590, -40.9010, 19.8910

Deuteranopia

160.9860, -48.9700, 17.4460



Tritanopia

154.1710, -49.1940, -11.5460

Trichromacy



Original Color

159.7790, -52.8210, 15.6510

Protanomaly

161.6660, -45.0730, 18.4070

Deuteranomaly

160.3880, -50.1620, 17.0220

Tritanomaly

156.1960, -50.3420, -1.7500

Monochromacy



Original Color

159.7790, -52.8210, 15.6510

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.6360, -19.1660, 5.9380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7790, -52.8210, 15.6510 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, 164, 245)` looks like.

```
.text, #text, p{  
    color:rgb(119, 164, 245)  
}
```

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, 164, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 164, 245) }
```

Border

The CSS property to change the border of an element to YIQ 159.7790, -52.8210, 15.6510 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, 164, 245) }
```


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

```
.border{ border-color:rgb(119, 164, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 164, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 164, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 164, 245); box-shadow:4px 4px 4px 4px rgb(119, 164, 245) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7790, -52.8210, 15.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 164, 245) }
```

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

```
.background{ background-color: rgb(119,  
164, 245) }
```

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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