

Converting Colors

YIQ(156.9110, -44.3850,
16.9510)

Have a look what the booklet for
YIQ(156.9110, -44.3850, 16.9510)
contains.

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Color

**YIQ(156.9110, -44.3850,
16.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9EEB
RGB	125, 158, 235
RGB Percent	49%, 62%, 92%
CMY	0.5098, 0.3803, 0.0787
CMYK	0.47, 0.33, 0.00, 0.08
HSL	222°, 73%, 71%
HSV	222°, 47%, 92%
XYZ	35.6723, 34.8126, 83.3911
YIQ	156.9110, -44.3850, 16.9510

Conversions

Conversions Part 2

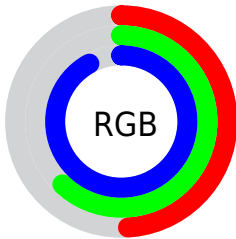
Format	Color
R_{YB}	125, 150, 235
Decimal	8232683
CIE _{Lab}	65.60, 8.93, -42.29
CIE _{LCh}	66, 43.223, 281.920
Yxy	34.8126, 0.2318, 0.2262
Android (android.graphics.Color)	4286422763 (0xFF7D9EEB)
YUV	156.9110, 38.4979, -27.9859
Hunter-Lab	59.0022, 4.6659, -42.4963

Details

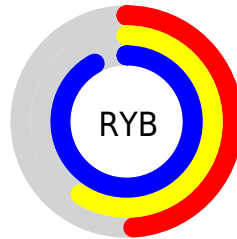
The YIQ color **156.9110, -44.3850, 16.9510** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **203.0890, 44.3850, -16.9510**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9320, -31.6830, 7.0130**, and **103.2480, -46.9520, 13.9120** is the 20% darker color. If you saturate the color by 10%, you get **140.6420, -53.6930, 20.4430**, and if you desaturate by 10%, it is **173.1800, -35.0770, 13.4590**.

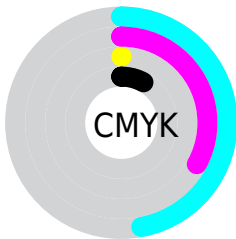
Distribution



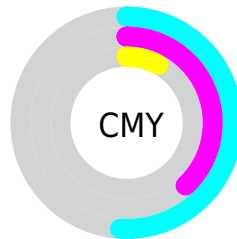
- Red (49%)
- Green (62%)
- Blue (92%)



- Red (49%)
- Yellow (59%)
- Blue (92%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (38%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.9110, -44.3850, 16.9510 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 156.9110, -44.3850, 16.9510 by changing the saturation by 10% instead.

■ 156.9110,
-44.3850, 16.9510

■ 156.9110,
-44.3850, 16.9510

■ 255.0000, -0.0000,
-0.0000

■ 130.0850,
-44.9350, 15.9050

■ 207.9320,
-31.6830, 7.0130

■ 103.2480,
-46.9520, 13.9120

■ 233.6260,
-22.3740, -2.0060

■ 76.2150, -51.3530,
11.0710

■ 250.8140, -8.3440,
-2.9680

■ 49.4700, -56.6250,
7.4950

■ 34.2930, -42.8250,
10.7030

■ 19.8170, -29.6210,
13.6990

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 156.9110,
-44.3850, 16.9510

■ 156.9110,
-44.3850, 16.9510

■ 140.6420,
-53.6930, 20.4430

■ 173.1800,
-35.0770, 13.4590

■ 123.4870,
-63.3220, 24.2460

■ 190.3350,
-25.4480, 9.6560

■ 107.2180,
-72.6300, 27.7380

■ 206.6040,
-16.1400, 6.1640

■ 90.0630, -82.2590,
31.5410

■ 223.7590, -6.5110,
2.3610

■ 73.7940, -91.5670,
35.0330

■ 240.0280, 2.7970,
-1.1310

■ 68.4670, -94.9600,
35.9520

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



134.6100, -104.5340, -10.8220



156.9110, -44.3850, 16.9510



163.3960, 0.0860, 31.4940

Triad

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



156.9110, -44.3850, 16.9510



159.2450, 62.5820, 11.2060



140.9910, -49.6480, -36.3680

Complementary

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



156.9110, -44.3850, 16.9510



203.0890, 44.3850, -16.9510

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.



150.0380, -4.3040, -32.1440



156.9110, -44.3850, 16.9510



157.8500, 52.7280, -8.4560

Square

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



156.9110, -44.3850, 16.9510



161.3330, 57.1230, 27.5470



154.5600, 29.5770, -23.9190



125.4960, -105.3540, -40.0260

Rectangle

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



156.9110, -44.3850, 16.9510



163.7920, 25.3940, 35.3940



154.5600, 29.5770, -23.9190



144.6140, -32.4090, -34.9130

Sweetspot

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



156.9110, -44.3850, 16.9510



229.5610, -14.5810, 5.4430



198.1200, -54.3250, -34.2050



112.0300, -8.7120, 3.7040



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.



156.9110, -44.3850, 16.9510



153.5430, -57.7280, 21.9840



143.5200, -23.3900, 38.4500



109.0150, -4.3560, 1.8520



52.3320, -72.9510, 28.0490



15.5480, -21.7340, 8.4260

Inverse Universe

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



161.6520, 54.9670, 33.5830



159.6590, 71.4250, 43.6890



216.4800, 23.3900, -38.4500



109.6310, 5.5930, 3.2650



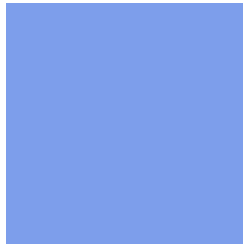
60.2750, 90.5420, 55.1660



17.9700, 27.0480, 16.4240

Previews

White Background



This preview shows how the YIQ color 156.9110, -44.3850, 16.9510 looks on a white background.

Color Contrast Check

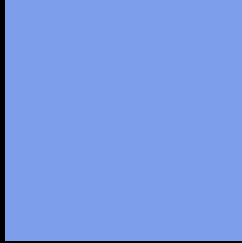
Large Text (above 18pt) WCAG AA × Fail

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 156.9110, -44.3850, 16.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

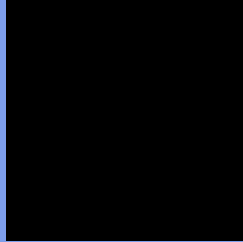
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.9110, -44.3850, 16.9510

Background



This preview shows how black text looks on a background with the YIQ color 156.9110, -44.3850, 16.9510.



This preview shows how white text looks on a background with the YIQ color 156.9110, -44.3850,

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

156.9110, -44.3850, 16.9510

Protanopia

157.9010, -38.4250, 19.0710

Deuteranopia

157.2100, -43.7890, 17.1630



Tritanopia

151.9550, -39.6580, -8.1540

Trichromacy



Original Color

156.9110, -44.3850, 16.9510

Protanomaly

157.7050, -40.8090, 18.2230

Deuteranomaly

157.2100, -43.7890, 17.1630

Tritanomaly

153.5670, -41.0810, 1.1190

Monochromacy



Original Color

156.9110, -44.3850, 16.9510

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.6040, -16.1400, 6.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.9110, -44.3850, 16.9510 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(125, 158, 235)` looks like.

```
.text, #text, p{  
    color:rgb(125, 158, 235)  
}
```

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(125, 158, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 158, 235) }
```

Border

The CSS property to change the border of an element to YIQ 156.9110, -44.3850, 16.9510 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(125, 158, 235) }
```


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

```
.border{ border-color:rgb(125, 158, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 158, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 158, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 158, 235);  
box-shadow:4px 4px 4px 4px rgb(125, 158,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 156.9110, -44.3850, 16.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 158, 235) }
```

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

```
.background{ background-color: rgb(125,  
158, 235) }
```

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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