

Converting Colors

YIQ(95.1410, -21.0050, 33.7710)

Have a look what the booklet for
YIQ(95.1410, -21.0050, 33.7710)
contains.

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Color

**YIQ(95.1410, -21.0050,
33.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	604FB0
RGB	96, 79, 176
RGB Percent	38%, 31%, 69%
CMY	0.6234, 0.6902, 0.3100
CMYK	0.45, 0.55, 0.00, 0.31
HSL	251°, 38%, 50%
HSV	251°, 55%, 69%
XYZ	15.4545, 11.2122, 42.4029
YIQ	95.1410, -21.0050, 33.7710

Conversions

Conversions Part 2

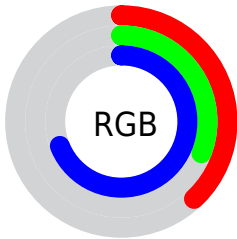
Format	Color
RYB	96, 79, 176
Decimal	6311856
CIELab	39.94, 31.80, -49.61
CIElCh	40, 58.930, 302.661
Yxy	11.2122, 0.2238, 0.1623
Android (android.graphics.Color)	4284501936 (0xFF604FB0)
YUV	95.1410, 39.8635, 0.7533
Hunter-Lab	33.4846, 23.7873, -51.6423

Details

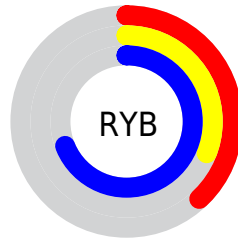
The YIQ color **95.1410, -21.0050, 33.7710** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **159.8590, 21.0050, -33.7710**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.3200, -19.9510, 36.6970**, and **45.6410, -25.5890, 28.7390** is the 20% darker color. If you saturate the color by 10%, you get **80.3890, -24.3990, 40.2170**, and if you desaturate by 10%, it is **110.1920, -17.0150, 27.5370**.

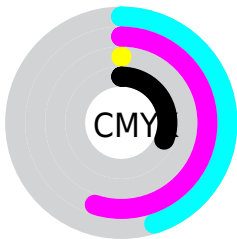
Distribution



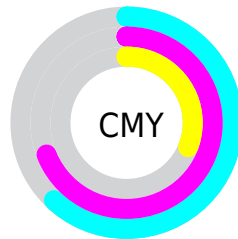
- Red (38%)
- Green (31%)
- Blue (69%)



- Red (38%)
- Yellow (31%)
- Blue (69%)



- Cyan (45%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1410, -21.0050, 33.7710 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 95.1410, -21.0050, 33.7710 by changing the saturation by 10% instead.

■ 95.1410, -21.0050,
33.7710

■ 95.1410, -21.0050,
33.7710

■ 255.0000, -0.0000,
-0.0000

■ 70.1900, -22.7010,
31.4670

■ 147.3200,
-19.9510, 36.6970

■ 45.6410, -25.5890,
28.7390

■ 173.5760,
-17.7960, 36.1880

■ 18.6890, -34.7120,
23.3680

■ 198.0960, -7.9370,
28.2150

■ 8.3220, -23.4330,
22.7030

■ 223.2030, 1.6470,
19.7190

■ 7.9340, -16.8290,
13.1470

■ 245.0210, 4.6750,
8.8910

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 95.1410, -21.0050,
33.7710

■ 95.1410, -21.0050,
33.7710

■ 80.3890, -24.3990,
40.2170

■ 110.1920,
-17.0150, 27.5370

■ 65.9250, -28.6640,
45.9280

■ 124.3570,
-13.3460, 21.6140

■ 51.1730, -32.0580,
52.3740

■ 139.4080, -9.3560,
15.3800

■ 36.7090, -36.3230,
58.0850

■ 153.5730, -5.6870,
9.4570

■ 29.3330, -38.0200,
61.3080

■ 168.6240, -1.6970,
3.2230

■ 183.3760, 1.6970,
-3.2230

■ 197.8400, 5.9620,
-8.9340

■ 212.5920, 9.3560,
-15.3800

■ 227.0560, 13.6210,
-21.0910

Harmonies

Analogous

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



79.8870, -88.5360, 7.6240



95.1410, -21.0050, 33.7710



92.4160, 32.8650, 48.6810

Triad

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



95.1410, -21.0050, 33.7710



87.6900, 67.8580, -7.3260



78.5630, -62.7620, -29.9780

Complementary

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



95.1410, -21.0050, 33.7710



159.8590, 21.0050, -33.7710

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.



71.1020, -45.8870, -43.9590



95.1410, -21.0050, 33.7710



88.3670, 40.3060, -25.6300

Square

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



95.1410, -21.0050, 33.7710



85.3210, 74.5920, 24.8320



80.4610, 7.2060, -42.5060



84.0350, -78.1700, -15.0500

Rectangle

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



95.1410, -21.0050, 33.7710



85.4590, 57.6690, 50.7010



80.4610, 7.2060, -42.5060



76.0380, -57.0300, -34.7420

Sweetspot

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



95.1410, -21.0050, 33.7710



196.6530, -8.6680, 13.9240



137.6050, -53.4120, -12.1960



95.8180, -4.9990, 8.0010



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



95.1410, -21.0050, 33.7710



103.4010, -32.7000, 52.9960



109.4930, 7.6030, 43.9470



81.6240, -1.6970, 3.2230



25.5150, -33.0210, 53.3070



4.1600, -5.9620, 8.9340

Inverse Universe

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



117.1230, 32.1320, 45.4440



137.6980, 50.4670, 71.0990



145.5070, -7.6030, -43.9470



83.6030, 2.7960, 4.3960



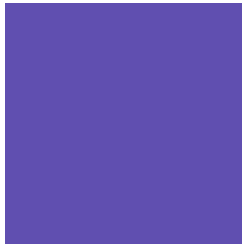
60.1110, 50.7420, 71.6220



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 95.1410, -21.0050, 33.7710 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 95.1410, -21.0050, 33.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

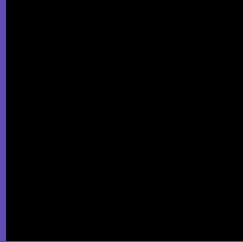
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.1410, -21.0050, 33.7710

Background



This preview shows how black text looks on a background with the YIQ color 95.1410, -21.0050, 33.7710.



This preview shows how white text looks on a background with the YIQ color 95.1410, -21.0050,

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

95.1410, -21.0050, 33.7710

Protanopia

83.0360, -69.6020, 16.9100

Deuteranopia

75.6180, -80.6490, 2.3510



Tritanopia

91.9320, -14.4880, -1.7520

Trichromacy



Original Color

95.1410, -21.0050, 33.7710

Protanomaly

87.5930, -51.9970, 22.7470

Deuteranomaly

82.9030, -59.1020, 13.8420

Tritanomaly

92.8800, -16.7370, 11.4790

Monochromacy



Original Color

95.1410, -21.0050, 33.7710

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7840, -7.6590, 12.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1410, -21.0050, 33.7710 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(96, 79, 176)` looks like.

```
.text, #text, p{  
    color:rgb(96, 79, 176)  
}
```

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(96, 79, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 79, 176) }
```

Border

The CSS property to change the border of an element to YIQ 95.1410, -21.0050, 33.7710 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(96, 79, 176) }
```


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

```
.border{ border-color:rgb(96, 79, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 79, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 79, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 79, 176);  
box-shadow:4px 4px 4px 4px rgb(96, 79,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 95.1410, -21.0050, 33.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 79, 176) }
```

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

```
.background{ background-color: rgb(96, 79,  
176) }
```

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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