

Converting Colors

YIQ(156.0390, -12.9310, 8.5810)

Have a look what the booklet for
YIQ(156.0390, -12.9310, 8.5810)
contains.

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Color

**YIQ(156.0390, -12.9310,
8.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	959AB9
RGB	149, 154, 185
RGB Percent	58%, 60%, 73%
CMY	0.4157, 0.3961, 0.2746
CMYK	0.19, 0.17, 0.00, 0.27
HSL	232°, 20%, 65%
HSV	232°, 19%, 73%
XYZ	32.7057, 33.0036, 50.5349
YIQ	156.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

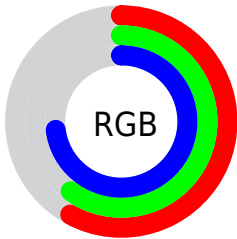
Format	Color
R_{YB}	149, 153, 185
Decimal	9804473
CIE _{Lab}	64.16, 4.84, -16.63
CIE _{LCh}	64, 17.325, 286.222
Yxy	33.0036, 0.2814, 0.2839
Android (android.graphics.Color)	4287994553 (0xFF959AB9)
YUV	156.0390, 14.2778, -6.1732
Hunter-Lab	57.4488, 1.0849, -11.9403

Details

The YIQ color **156.0390, -12.9310, 8.5810** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **177.9610, 12.9310, -8.5810**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.2670, -13.5730, 9.2030**, and **104.8110, -12.2890, 7.9590** is the 20% darker color. If you saturate the color by 10%, you get **141.2650, -19.2590, 13.1330**, and if you desaturate by 10%, it is **171.1120, -6.0070, 4.2410**.

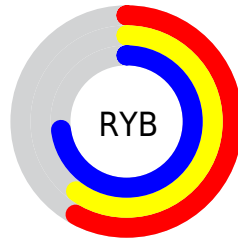
Distribution



Red (58%)

Green (60%)

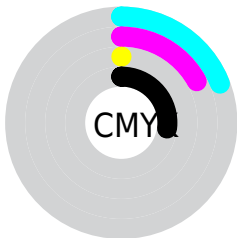
Blue (73%)



Red (58%)

Yellow (60%)

Blue (73%)

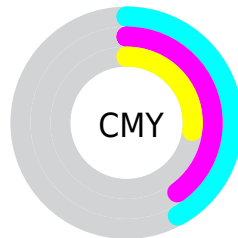


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.0390, -12.9310, 8.5810 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 156.0390, -12.9310, 8.5810 by changing the saturation by 10% instead.

■ 156.0390,
-12.9310, 8.5810

■ 156.0390,
-12.9310, 8.5810

■ 255.0000, -0.0000,
-0.0000

■ 129.9250,
-12.6100, 8.2700

■ 210.2670,
-13.5730, 9.2030

■ 104.8110,
-12.2890, 7.9590

■ 237.5570, -8.7580,
4.5380

■ 80.3980, -12.5640,
7.4360

■ 57.1700, -11.9220,
6.8140

■ 35.6430, -11.8760,
5.9800

■ 13.6430, -11.8760,
5.9800

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 156.0390,
-12.9310, 8.5810

■ 156.0390,
-12.9310, 8.5810

■ 141.2650,
-19.2590, 13.1330

■ 171.1120, -6.0070,
4.2410

■ 126.1920,
-26.1830, 17.4730

■ 185.8860, 0.3210,
-0.3110

■ 111.4180,
-32.5110, 22.0250

■ 200.6600, 6.6490,
-4.8630

■ 96.3450, -39.4350,
26.3650

■ 215.7330, 13.5730,
-9.2030

■ 81.5710, -45.7630,
30.9170

■ 230.5070, 19.9010,
-13.7550

■ 66.4980, -52.6870,
35.2570

■ 244.0850, 23.8450,
-19.1550

■ 52.3110, -59.2900,
39.2860

■ 247.0200, 22.4700,
-21.7700

■ 37.2380, -66.2140,
43.6260

■ 36.3520, -66.5350,
43.9370

Harmonies

Analogous

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



152.9940, -26.2260, 1.7260



156.0390, -12.9310, 8.5810



157.8730, 2.3360, 12.7360

Triad

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



156.0390, -12.9310, 8.5810



156.8800, 26.8210, 4.0130



150.5150, -18.1080, -13.2440

Complementary

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



156.0390, -12.9310, 8.5810



177.9610, 12.9310, -8.5810

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.



151.9420, -3.2530, -12.6370



156.0390, -12.9310, 8.5810



155.6140, 21.4580, -3.4220

Square

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



156.0390, -12.9310, 8.5810



158.1990, 24.6650, 10.0490



154.0640, 11.1430, -9.2170



149.3490, -29.2040, -10.3880

Rectangle

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



156.0390, -12.9310, 8.5810



158.0760, 12.0100, 13.6260



154.0640, 11.1430, -9.2170



150.8530, -13.2480, -13.2160

Sweetspot

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



156.0390, -12.9310, 8.5810



227.8840, -5.3650, 3.6190



173.6660, -19.8510, -9.1870



113.2000, -3.4390, 1.7530



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



156.0390, -12.9310, 8.5810



195.3790, -19.5800, 13.4440



156.9910, -3.8080, 13.9520



84.6130, -3.1640, 2.2760



30.6980, -56.1260, 37.0100



5.5400, -10.0880, 6.6160

Inverse Universe

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



160.3340, 19.8510, 9.1870



202.2430, 30.5330, 13.8370



177.0090, 3.8080, -13.9520



85.8050, 5.0430, 2.2190



49.1520, 85.9140, 39.9140



8.8280, 15.4040, 7.1800

Previews

White Background



This preview shows how the YIQ color 156.0390, -12.9310, 8.5810 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 156.0390, -12.9310, 8.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

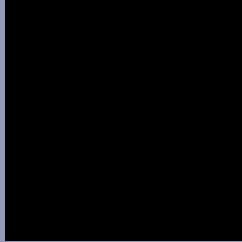
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.0390, -12.9310, 8.5810

Background



This preview shows how black text looks on a background with the YIQ color 156.0390, -12.9310, 8.5810.



This preview shows how white text looks on a background with the YIQ color 156.0390, -12.9310, 8.5810.

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

156.0390, -12.9310, 8.5810

Protanopia

156.0390, -12.9310, 8.5810

Deuteranopia

156.9580, -8.2090, 11.1110



Tritanopia

155.0790, -10.4080, 1.4000

Trichromacy



Original Color

156.0390, -12.9310, 8.5810

Protanomaly

156.0390, -12.9310, 8.5810

Deuteranomaly

156.6480, -10.2720, 9.9520

Tritanomaly

155.4750, -11.4630, 4.0010

Monochromacy



Original Color

156.0390, -12.9310, 8.5810

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0390, -12.9310, 8.5810 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(149, 154, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 154, 185)  
}
```

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(149, 154, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 154, 185) }
```

Border

The CSS property to change the border of an element to YIQ 156.0390, -12.9310, 8.5810 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(149, 154, 185) }
```


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

```
.border{ border-color:rgb(149, 154, 185) }
```

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

Here you see how a box with a 4 pixel rgb(149, 154, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 154, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 154, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 154,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0390, -12.9310, 8.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 154, 185) }
```

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

```
.background{ background-color: rgb(149,  
154, 185) }
```

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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