

Converting Colors

YIQ(151.4610, -26.0430, 3.9170)

Have a look what the booklet for
YIQ(151.4610, -26.0430, 3.9170)
contains.

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Color

**YIQ(151.4610, -26.0430,
3.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	819CBB
RGB	129, 156, 187
RGB Percent	51%, 61%, 73%
CMY	0.4942, 0.3882, 0.2668
CMYK	0.31, 0.17, 0.00, 0.27
HSL	212°, 30%, 62%
HSV	212°, 31%, 73%
XYZ	29.9081, 32.0335, 51.6022
YIQ	151.4610, -26.0430, 3.9170

Conversions

Conversions Part 2

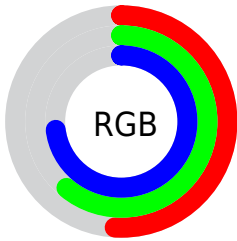
Format	Color
R_{YB}	129, 147, 187
Decimal	8494267
CIE _{Lab}	63.37, -2.03, -19.09
CIE _{LCh}	63, 19.193, 263.929
Yxy	32.0335, 0.2634, 0.2821
Android (android.graphics.Color)	4286684347 (0xFF819CBB)
YUV	151.4610, 17.5207, -19.6983
Hunter-Lab	56.5981, -4.7222, -14.4378

Details

The YIQ color **151.4610, -26.0430, 3.9170** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **164.5390, 26.0430, -3.9170**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6890, -26.6850, 4.5390**, and **100.2330, -25.4010, 3.2950** is the 20% darker color. If you saturate the color by 10%, you get **139.9100, -34.6170, 5.1190**, and if you desaturate by 10%, it is **163.0120, -17.4690, 2.7150**.

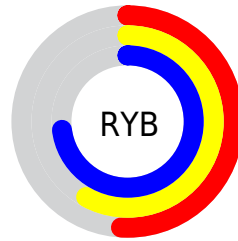
Distribution



Red (51%)

Green (61%)

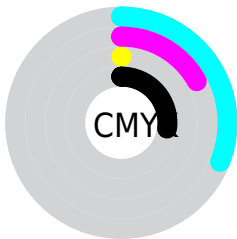
Blue (73%)



Red (51%)

Yellow (58%)

Blue (73%)

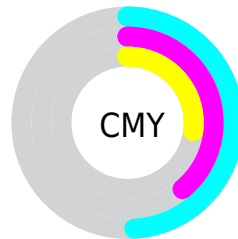


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4610, -26.0430, 3.9170 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 151.4610, -26.0430, 3.9170 by changing the saturation by 10% instead.

■ 151.4610,
-26.0430, 3.9170

■ 151.4610,
-26.0430, 3.9170

■ 255.0000, -0.0000,
-0.0000

■ 125.3470,
-25.7220, 3.6060

■ 205.6890,
-26.6850, 4.5390

■ 100.2330,
-25.4010, 3.2950

■ 232.4520,
-21.8240, -0.9600

■ 75.7060, -25.3550,
2.4610

■ 250.5150, -8.9400,
-3.1800

■ 51.9940, -26.2260,
1.7260

■ 28.6730, -29.7560,
-0.3800

■ 13.2510, -16.6440,
4.2840

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 151.4610,
-26.0430, 3.9170

■ 151.4610,
-26.0430, 3.9170

■ 139.9100,
-34.6170, 5.1190

■ 163.0120,
-17.4690, 2.7150

■ 128.6580,
-42.5950, 6.5330

■ 174.2640, -9.4910,
1.3010

■ 117.1070,
-51.1690, 7.7350

■ 185.8150, -0.9170,
0.0990

■ 105.5560,
-59.7430, 8.9370

■ 197.3660, 7.6570,
-1.1030

■ 94.3040, -67.7210,
10.3510

■ 208.6180, 15.6350,
-2.5170

■ 82.7530, -76.2950,
11.5530

■ 220.1690, 24.2090,
-3.7190

■ 72.3870, -83.9520,
12.6560

■ 230.2250, 29.8030,
-5.9810

■ 236.0950, 27.0530,
-11.2110

■ 241.9650, 24.3030,
-16.4410

Harmonies

Analogous

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



148.2160, -35.8990, -4.6910



151.4610, -26.0430, 3.9170



154.4740, -9.7220, 10.9980

Triad

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



151.4610, -26.0430, 3.9170



155.8250, 28.6540, 9.3420



149.1370, -8.2960, -14.8560

Complementary

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



151.4610, -26.0430, 3.9170



164.5390, 26.0430, -3.9170

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.



151.5150, 8.2550, -11.9450



151.4610, -26.0430, 3.9170



154.7830, 28.4720, 1.6240

Square

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



151.4610, -26.0430, 3.9170



156.6810, 20.4920, 14.0920



153.1470, 21.2750, -5.6130



147.0520, -24.1140, -14.5300

Rectangle

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



151.4610, -26.0430, 3.9170



155.6280, 1.6480, 14.1920



153.1470, 21.2750, -5.6130



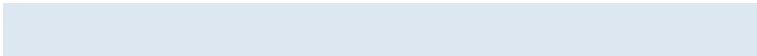
150.0730, -2.2440, -14.4040

Sweetspot

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



151.4610, -26.0430, 3.9170



228.9650, -10.0870, 1.0890



166.5800, -25.9010, -20.6930



114.0040, -5.8230, 0.9050



250.0000, 0.0000, 0.0000



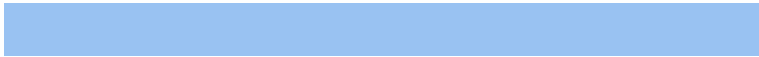
122.0000, 0.0000, -0.0000

Same Dimension

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



151.4610, -26.0430, 3.9170



187.2130, -39.8440, 6.2360



136.2100, -17.4260, 18.4620



88.3740, -3.9890, 0.7070



61.4500, -71.0680, 10.4360



11.7520, -13.8010, 2.3190

Inverse Universe

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



149.4200, 25.9010, 20.6930



184.2850, 39.8830, 31.6190



179.7900, 17.4260, -18.4620



88.1470, 4.0800, 3.1520



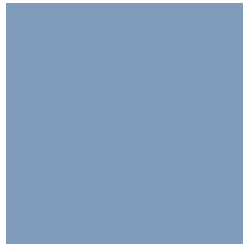
55.6780, 70.4140, 56.5100



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 151.4610, -26.0430, 3.9170 looks on a white background.

Color Contrast Check

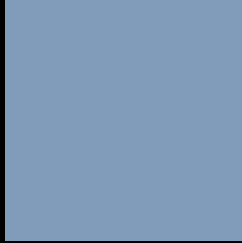
Large Text (above 18pt) WCAG AA × Fail

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 151.4610, -26.0430, 3.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

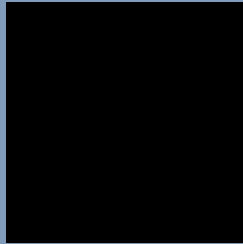
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

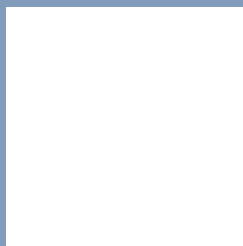
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 151.4610, -26.0430, 3.9170

Background



This preview shows how black text looks on a background with the YIQ color 151.4610, -26.0430, 3.9170.

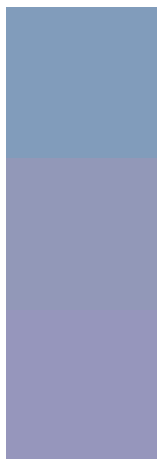


This preview shows how white text looks on a background with the YIQ color 151.4610, -26.0430,

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

151.4610, -26.0430, 3.9170

Protanopia

153.8540, -13.8480, 8.6800

Deuteranopia

154.3320, -12.1980, 11.8180



Tritanopia

150.5010, -23.5200, -3.2640

Trichromacy



Original Color

151.4610, -26.0430, 3.9170

Protanomaly

152.7610, -18.0200, 7.1960

Deuteranomaly

153.1140, -17.5160, 9.0760

Tritanomaly

150.8970, -24.5750, -0.6630

Monochromacy



Original Color

151.4610, -26.0430, 3.9170

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.2640, -9.4910, 1.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4610, -26.0430, 3.9170 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(129, 156, 187)` looks like.

```
.text, #text, p{  
    color:rgb(129, 156, 187)  
}
```

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(129, 156, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 156, 187) }
```

Border

The CSS property to change the border of an element to YIQ 151.4610, -26.0430, 3.9170 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(129, 156, 187) }
```


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

```
.border{ border-color:rgb(129, 156, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 156, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 156, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 156, 187);  
box-shadow:4px 4px 4px 4px rgb(129, 156,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4610, -26.0430, 3.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 156, 187) }
```

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

```
.background{ background-color: rgb(129,  
156, 187) }
```

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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