

Converting Colors

YIQ(164.4780, -15.5450,
11.9030)

Have a look what the booklet for
YIQ(164.4780, -15.5450, 11.9030)
contains.

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Color

**YIQ(164.4780, -15.5450,
11.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA1CA
RGB	157, 161, 202
RGB Percent	62%, 63%, 79%
CMY	0.3843, 0.3686, 0.2079
CMYK	0.22, 0.20, 0.00, 0.21
HSL	235°, 30%, 70%
HSV	235°, 22%, 79%
XYZ	37.3085, 36.9220, 61.0226
YIQ	164.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

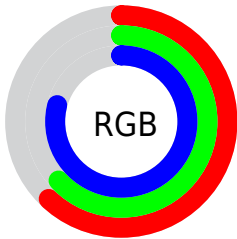
Format	Color
R _{YB}	157, 161, 202
Decimal	10330570
CIE _{Lab}	67.22, 7.39, -21.41
CIE _{LCh}	67, 22.655, 289.049
Yxy	36.9220, 0.2758, 0.2730
Android (android.graphics.Color)	4288520650 (0xFF9DA1CA)
YUV	164.4780, 18.4983, -6.5582
Hunter-Lab	60.7635, 3.2619, -17.0084

Details

The YIQ color $164.4780, -15.5450, 11.9030$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $194.5220, 15.5450, -11.9030$, and the grayscale version is $164.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $219.2500, -14.9030, 11.2810$, and $112.8370, -15.1780, 10.7580$ is the 20% darker color. If you saturate the color by 10%, you get $147.9320, -22.5150, 17.0770$, and if you desaturate by 10%, it is $181.0240, -8.5750, 6.7290$.

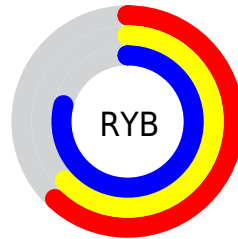
Distribution



Red (62%)

Green (63%)

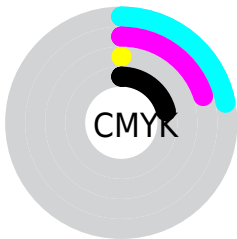
Blue (79%)



Red (62%)

Yellow (63%)

Blue (79%)

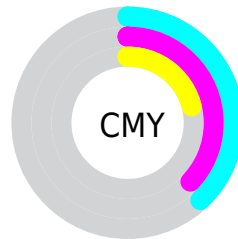


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (37%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.4780, -15.5450, 11.9030 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 164.4780, -15.5450, 11.9030 by changing the saturation by 10% instead.

■ 164.4780,
-15.5450, 11.9030

■ 164.4780,
-15.5450, 11.9030

■ 255.0000, -0.0000,
-0.0000

■ 138.3640,
-15.2240, 11.5920

■ 219.2500,
-14.9030, 11.2810

■ 112.8370,
-15.1780, 10.7580

■ 244.3570, -5.3190,
2.7850

■ 87.7230, -14.8570,
10.4470

■ 64.1960, -14.8110,
9.6130

■ 41.6690, -14.7650,
8.7790

■ 19.8320, -16.7820,
6.7860

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 164.4780,
-15.5450, 11.9030

■ 164.4780,
-15.5450, 11.9030

■ 147.9320,
-22.5150, 17.0770

■ 181.0240, -8.5750,
6.7290

■ 130.7990,
-29.2100, 22.7740

■ 198.1570, -1.8800,
1.0320

■ 113.9540,
-36.7760, 27.7360

■ 215.0020, 5.6860,
-3.9300

■ 96.8210, -43.4710,
33.4330

■ 232.1350, 12.3810,
-9.6270

■ 80.2750, -50.4410,
38.6070

■ 247.7840, 17.5630,
-15.4370

■ 63.7290, -57.4110,
43.7810

■ 248.9580, 17.0130,
-16.4830

■ 46.5960, -64.1060,
49.4780

■ 33.5940, -69.7920,
53.4080

Harmonies

Analogous

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



160.3290, -34.4790, 2.6170



164.4780, -15.5450, 11.9030



166.8890, 5.4070, 17.6550

Triad

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



164.4780, -15.5450, 11.9030



164.8870, 34.1110, 4.0550



156.2750, -26.3600, -17.8800

Complementary

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



164.4780, -15.5450, 11.9030



194.5220, 15.5450, -11.9030

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.



158.9260, -6.3240, -17.5560



164.4780, -15.5450, 11.9030



163.6700, 27.0520, -5.6840

Square

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



164.4780, -15.5450, 11.9030



166.2710, 33.3300, 12.7060



161.0270, 12.5650, -12.9630



154.4830, -41.4450, -14.3170

Rectangle

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



164.4780, -15.5450, 11.9030



167.3480, 17.2360, 18.0360



161.0270, 12.5650, -12.9630



156.9830, -19.6660, -18.0500

Sweetspot

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



164.4780, -15.5450, 11.9030



240.2260, -6.3280, 4.5520



187.9750, -25.2150, -11.0950



118.8410, -3.8060, 2.8980



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.



164.4780, -15.5450, 11.9030



197.3880, -23.7990, 18.3210



167.5120, -3.7170, 17.8110



93.7270, -3.4850, 2.5870



27.7290, -57.4110, 43.7810



6.0930, -13.0230, 10.2490

Inverse Universe

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



170.9110, 25.5360, 10.7840



207.3150, 39.1980, 16.4940



191.4880, 3.7170, -17.8110



95.1040, 5.6390, 2.4310



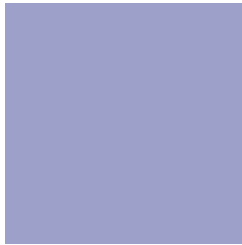
51.3440, 94.1210, 39.8570



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 164.4780, -15.5450, 11.9030 looks on a white background.

Color Contrast Check

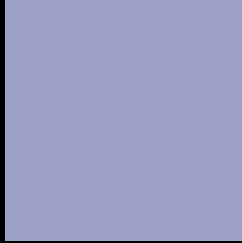
Large Text (above 18pt) WCAG AA × Fail

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 164.4780, -15.5450, 11.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

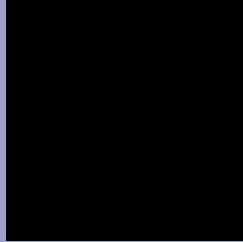
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.4780, -15.5450, 11.9030

Background



This preview shows how black text looks on a background with the YIQ color 164.4780, -15.5450, 11.9030.



This preview shows how white text looks on a background with the YIQ color 164.4780, -15.5450, 11.9030.

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

164.4780, -15.5450, 11.9030

Protanopia

164.2820, -17.9290, 11.0550

Deuteranopia

164.7880, -13.4820, 13.0620



Tritanopia

162.5950, -11.9210, 1.2870

Trichromacy



Original Color

164.4780, -15.5450, 11.9030

Protanomaly

164.5810, -17.3330, 11.2670

Deuteranomaly

164.4890, -14.0780, 12.8500

Tritanomaly

163.6320, -13.3430, 5.0330

Monochromacy



Original Color

164.4780, -15.5450, 11.9030

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.4780, -15.5450, 11.9030 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(157, 161, 202)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 202)  
}
```

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(157, 161, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 202) }
```

Border

The CSS property to change the border of an element to YIQ 164.4780, -15.5450, 11.9030 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(157, 161, 202) }
```


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

```
.border{ border-color:rgb(157, 161, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 161, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 161, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 161, 202);  
box-shadow:4px 4px 4px 4px rgb(157, 161,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 164.4780, -15.5450, 11.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 202) }
```

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

```
.background{ background-color: rgb(157,  
161, 202) }
```

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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