

Converting Colors

YIQ(164.6970, -11.9680, 7.6480)

Have a look what the booklet for
YIQ(164.6970, -11.9680, 7.6480)
contains.

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Color

**YIQ(164.6970, -11.9680,
7.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA3BF
RGB	158, 163, 191
RGB Percent	62%, 64%, 75%
CMY	0.3804, 0.3608, 0.2510
CMYK	0.17, 0.15, 0.00, 0.25
HSL	231°, 20%, 68%
HSV	231°, 17%, 75%
XYZ	36.6004, 37.2252, 54.5362
YIQ	164.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

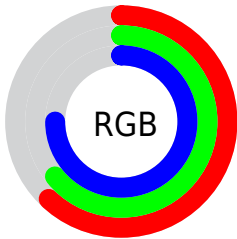
Format	Color
R _Y B	158, 162, 191
Decimal	10396607
CIE Lab	67.45, 4.08, -14.96
CIE LCh	67, 15.508, 285.269
Yxy	37.2252, 0.2851, 0.2900
Android (android.graphics.Color)	4288586687 (0xFF9EA3BF)
YUV	164.6970, 12.9674, -5.8733
Hunter-Lab	61.0125, 0.3076, -10.2878

Details

The YIQ color $164.6970, -11.9680, 7.6480$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $184.3030, 11.9680, -7.6480$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.8110, -12.2890, 7.9590$, and $112.5830, -11.6470, 7.3370$ is the 20% darker color. If you saturate the color by 10%, you get $149.6240, -18.8920, 11.9880$, and if you desaturate by 10%, it is $179.7700, -5.0440, 3.3080$.

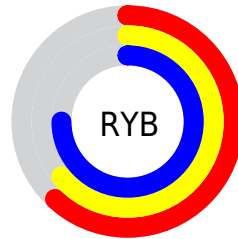
Distribution



Red (62%)

Green (64%)

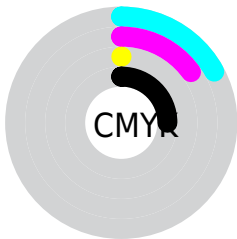
Blue (75%)



Red (62%)

Yellow (64%)

Blue (75%)

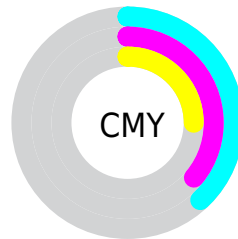


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.6970, -11.9680, 7.6480 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 164.6970, -11.9680, 7.6480 by changing the saturation by 10% instead.

■ 164.6970,
-11.9680, 7.6480

■ 164.6970,
-11.9680, 7.6480

■ 255.0000, -0.0000,
-0.0000

■ 138.5830,
-11.6470, 7.3370

■ 219.8110,
-12.2890, 7.9590

■ 112.5830,
-11.6470, 7.3370

■ 245.5310, -5.8690,
1.7390

■ 88.3550, -11.0050,
6.7150

■ 64.9420, -11.2800,
6.1920

■ 42.7140, -10.6380,
5.5700

■ 21.8880, -11.1880,
4.5240

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 164.6970,
-11.9680, 7.6480

■ 164.6970,
-11.9680, 7.6480

■ 149.6240,
-18.8920, 11.9880

■ 179.7700, -5.0440,
3.3080

■ 134.5510,
-25.8160, 16.3280

■ 194.8430, 1.8800,
-1.0320

■ 118.8910,
-32.4650, 21.1910

■ 210.5030, 8.5290,
-5.8950

■ 103.8180,
-39.3890, 25.5310

■ 225.5760, 15.4530,
-10.2350

■ 88.7450, -46.3130,
29.8710

■ 240.6490, 22.3770,
-14.5750

■ 73.3730, -53.8330,
33.9990

■ 247.7040, 20.5440,
-19.9040

■ 58.3000, -60.7570,
38.3390

■ 42.6400, -67.4060,
43.2020

■ 38.7970, -69.2860,
44.2340

Harmonies

Analogous

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



162.5490, -23.4750, 1.4290



164.6970, -11.9680, 7.6480



166.0470, 1.7860, 11.6900

Triad

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



164.6970, -11.9680, 7.6480



165.7980, 24.1160, 3.4760



159.8250, -16.0450, -12.0850

Complementary

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



164.6970, -11.9680, 7.6480



184.3030, 11.9680, -7.6480

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.



161.0670, -2.1070, -11.3790



164.6970, -11.9680, 7.6480



164.6570, 19.8990, -2.7010

Square

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



164.6970, -11.9680, 7.6480



166.8890, 22.6020, 8.8900



163.2920, 10.5010, -8.5950



158.7300, -25.9030, -9.6390

Rectangle

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



164.6970, -11.9680, 7.6480



166.9510, 10.8640, 12.3680



163.2920, 10.5010, -8.5950



160.1630, -11.1850, -12.0570

Sweetspot

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



164.6970, -11.9680, 7.6480



237.5420, -4.4020, 2.6860



180.4490, -17.7420, -8.8620



119.0860, -3.1180, 1.4420



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



164.6970, -11.9680, 7.6480



205.6240, -18.8920, 11.9880



165.0510, -4.0370, 12.5950



86.6130, -3.1640, 2.2760



32.1000, -57.3180, 36.5860



6.4690, -11.3260, 7.0260

Inverse Universe

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



168.4370, 18.0630, 8.5510



211.4600, 28.4240, 13.5120



183.9490, 4.0370, -12.5950



87.8050, 5.0430, 2.2190



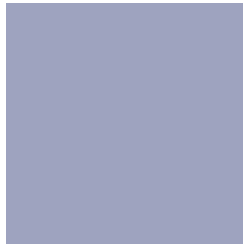
49.9780, 86.4640, 40.9600



9.8390, 16.8710, 8.1270

Previews

White Background



This preview shows how the YIQ color 164.6970, -11.9680, 7.6480 looks on a white background.

Color Contrast Check

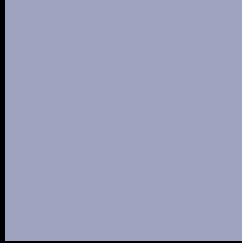
Large Text (above 18pt) WCAG AA × Fail

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 164.6970, -11.9680, 7.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

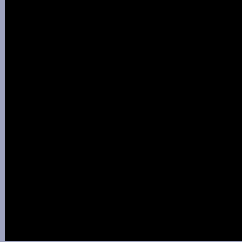
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.6970, -11.9680, 7.6480

Background



This preview shows how black text looks on a background with the YIQ color 164.6970, -11.9680, 7.6480.



This preview shows how white text looks on a background with the YIQ color 164.6970, -11.9680,

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

164.6970, -11.9680, 7.6480

Protanopia

164.9960, -11.3720, 7.8600

Deuteranopia

165.7410, -6.1000, 11.4360



Tritanopia

163.7910, -9.5370, 2.1350

Trichromacy



Original Color

164.6970, -11.9680, 7.6480

Protanomaly

164.9960, -11.3720, 7.8600

Deuteranomaly

165.4310, -8.1630, 10.2770

Tritanomaly

164.0730, -10.2710, 4.4250

Monochromacy



Original Color

164.6970, -11.9680, 7.6480

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.5420, -4.4020, 2.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.6970, -11.9680, 7.6480 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(158, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(158, 163, 191)  
}
```

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(158, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 163, 191) }
```

Border

The CSS property to change the border of an element to YIQ 164.6970, -11.9680, 7.6480 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(158, 163, 191) }
```


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

```
.border{ border-color:rgb(158, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(158, 163,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 164.6970, -11.9680, 7.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 163, 191) }
```

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

```
.background{ background-color: rgb(158,  
163, 191) }
```

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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