

Converting Colors

YIQ(129.1160, -11.8300, 5.1460)

Have a look what the booklet for
YIQ(129.1160, -11.8300, 5.1460)
contains.

YIQ(129.1160, -11.8300, 5.1460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.1160, -11.8300,
5.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	798197
RGB	121, 129, 151
RGB Percent	47%, 51%, 59%
CMY	0.5255, 0.4941, 0.4079
CMYK	0.20, 0.15, 0.00, 0.41
HSL	224°, 13%, 53%
HSV	224°, 20%, 59%
XYZ	21.3203, 22.0001, 32.3940
YIQ	129.1160, -11.8300, 5.1460

Conversions

Conversions Part 2

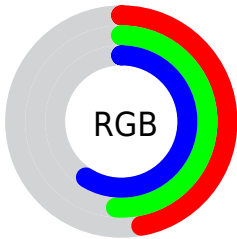
Format	Color
R_{YB}	121, 127, 151
Decimal	7963031
CIE _{Lab}	54.03, 1.96, -12.78
CIE _{LCh}	54, 12.928, 278.716
Yxy	22.0001, 0.2816, 0.2906
Android (android.graphics.Color)	4286153111 (0xFF798197)
YUV	129.1160, 10.7888, -7.1177
Hunter-Lab	46.9043, -0.9456, -8.1151

Details

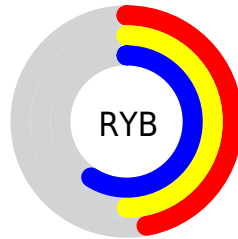
The YIQ color **129.1160, -11.8300, 5.1460** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **142.8840, 11.8300, -5.1460**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2300, -12.1510, 5.4570**, and **79.8880, -11.1880, 4.5240** is the 20% darker color. If you saturate the color by 10%, you get **118.1740, -17.7450, 7.7190**, and if you desaturate by 10%, it is **140.0580, -5.9150, 2.5730**.

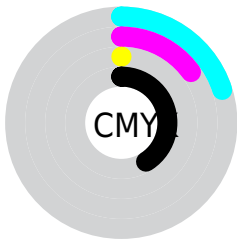
Distribution



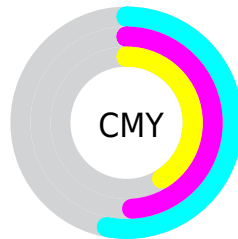
- Red (47%)
- Green (51%)
- Blue (59%)



- Red (47%)
- Yellow (50%)
- Blue (59%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.1160, -11.8300, 5.1460 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 129.1160, -11.8300, 5.1460 by changing the saturation by 10% instead.

■ 129.1160,
-11.8300, 5.1460

■ 129.1160,
-11.8300, 5.1460

■ 255.0000, -0.0000,
-0.0000

■ 104.0020,
-11.5090, 4.8350

■ 182.2300,
-12.1510, 5.4570

■ 79.8880, -11.1880,
4.5240

■ 209.3440,
-12.4720, 5.7680

■ 56.7740, -10.8670,
4.2130

■ 237.2470,
-10.8210, 3.3790

■ 35.2470, -10.8210,
3.3790

■ 13.0620, -11.7380,
3.4780

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,

0.0000

■ 129.1160,
-11.8300, 5.1460

■ 129.1160,
-11.8300, 5.1460

■ 118.1740,
-17.7450, 7.7190

■ 140.0580, -5.9150,
2.5730

■ 107.2320,
-23.6600, 10.2920

■ 151.0000, -0.0000,
0.0000

■ 96.2900, -29.5750,
12.8650

■ 161.9420, 5.9150,
-2.5730

■ 85.3480, -35.4900,
15.4380

■ 172.8840, 11.8300,
-5.1460

■ 74.4060, -41.4050,
18.0110

■ 183.8260, 17.7450,
-7.7190

■ 63.1650, -47.9160,
20.3720

■ 195.0670, 24.2560,
-10.0800

■ 52.2230, -53.8310,
22.9450

■ 206.0090, 30.1710,
-12.6530

■ 40.6940, -59.4710,
26.0410

■ 217.5380, 35.8110,
-15.7490

■ 227.8820, 40.5340,
-18.7460

Harmonies

Analogous

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



126.8760, -20.0820, 0.5100



129.1160, -11.8300, 5.1460



130.4980, -1.1020, 8.9620

Triad

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



129.1160, -11.8300, 5.1460



130.8730, 19.5310, 3.9710



125.9290, -10.4060, -9.6540

Complementary

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



129.1160, -11.8300, 5.1460



142.8840, 11.8300, -5.1460

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.



127.3170, 0.1850, -8.8630



129.1160, -11.8300, 5.1460



129.7430, 16.7810, -1.2590

Square

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



129.1160, -11.8300, 5.1460



130.8390, 16.8710, 8.1270



128.2860, 10.6380, -5.5700



125.3780, -18.9800, -8.4520

Rectangle

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



129.1160, -11.8300, 5.1460



131.0320, 6.1420, 9.8380



128.2860, 10.6380, -5.5700



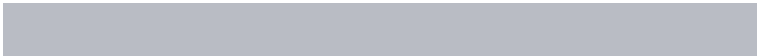
126.0820, -6.4630, -9.5270

Sweetspot

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



129.1160, -11.8300, 5.1460



188.0150, -4.3560, 1.8520



141.0040, -14.9910, -9.1590



93.9720, -2.7970, 1.1310



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



129.1160, -11.8300, 5.1460



161.9890, -18.6620, 7.8180



126.2140, -6.0540, 10.6020



71.0860, -3.1180, 1.4420



37.6790, -55.1150, 24.1890



3.2430, -4.9980, 2.4740

Inverse Universe

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



130.8820, 15.3120, 8.8480



164.5350, 23.8390, 14.0070



145.4870, 5.4580, -10.8140



71.6200, 4.1260, 2.3180



46.0780, 71.5630, 41.1870



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 129.1160, -11.8300, 5.1460 looks on a white 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

Black Background



This preview shows how the YIQ color 129.1160, -11.8300, 5.1460 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 × Fail

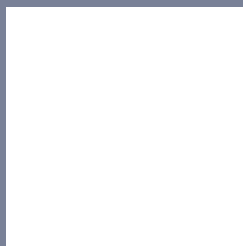
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 129.1160, -11.8300, 5.1460

Background



This preview shows how black text looks on a background with the YIQ color 129.1160, -11.8300, 5.1460.

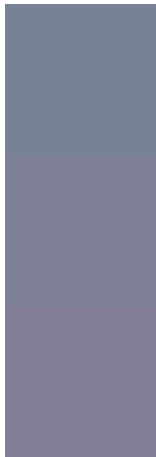


This preview shows how white text looks on a background with the YIQ color 129.1160, -11.8300,

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

129.1160, -11.8300, 5.1460

Protanopia

129.6110, -8.8500, 6.2060

Deuteranopia

130.4590, -5.3660, 9.1460



Tritanopia

128.5520, -10.3620, 0.5660

Trichromacy



Original Color

129.1160, -11.8300, 5.1460

Protanomaly

129.3120, -9.4460, 5.9940

Deuteranomaly

129.8500, -8.0250, 7.7750

Tritanomaly

128.7200, -10.7750, 2.5450

Monochromacy



Original Color

129.1160, -11.8300, 5.1460

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1160, -11.8300, 5.1460 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(121, 129, 151)` looks like.

```
.text, #text, p{  
    color:rgb(121, 129, 151)  
}
```

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(121, 129, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 129, 151) }
```

Border

The CSS property to change the border of an element to YIQ 129.1160, -11.8300, 5.1460 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(121, 129, 151) }
```


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

```
.border{ border-color:rgb(121, 129, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 129, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 129, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 129, 151);  
box-shadow:4px 4px 4px 4px rgb(121, 129,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1160, -11.8300, 5.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 129, 151) }
```

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

```
.background{ background-color: rgb(121,  
129, 151) }
```

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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