

Converting Colors

YIQ(129.2130, -31.8170,
-12.5930)

Have a look what the booklet for
YIQ(129.2130, -31.8170, -12.5930)
contains.

YIQ(129.2130, -31.8170, -12.5930)	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(129.2130, -31.8170,
-12.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	5B928F
RGB	91, 146, 143
RGB Percent	36%, 57%, 56%
CMY	0.6433, 0.4273, 0.4393
CMYK	0.38, 0.00, 0.02, 0.43
HSL	177°, 23%, 46%
HSV	177°, 38%, 57%
XYZ	19.5490, 24.7695, 29.7247
YIQ	129.2130, -31.8170, -12.5930

Conversions

Conversions Part 2

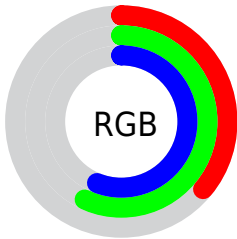
Format	Color
R_{YB}	91, 119, 146
Decimal	6001295
CIE _{Lab}	56.85, -18.87, -4.14
CIE _{LCh}	57, 19.315, 192.373
Yxy	24.7695, 0.2640, 0.3345
Android (android.graphics.Color)	4284191375 (0xFF5B928F)
YUV	129.2130, 6.7970, -33.5128
Hunter-Lab	49.7690, -16.9818, -0.5729

Details

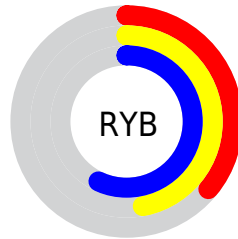
The YIQ color **129.2130, -31.8170, -12.5930** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.7870, 31.8170, 12.5930**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9140, -32.4130, -12.8050**, and **78.0280, -32.7340, -12.4940** is the 20% darker color. If you saturate the color by 10%, you get **124.6140, -40.4360, -16.0840**, and if you desaturate by 10%, it is **133.8120, -23.1980, -9.1020**.

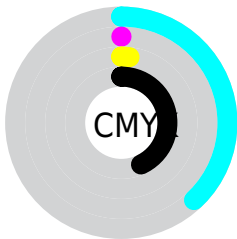
Distribution



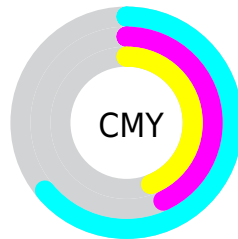
- Red (36%)
- Green (57%)
- Blue (56%)



- Red (36%)
- Yellow (47%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2130, -31.8170, -12.5930 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 129.2130, -31.8170, -12.5930 by changing the saturation by 10% instead.

■ 129.2130,
-31.8170, -12.5930

■ 129.2130,
-31.8170, -12.5930

■ 255.0000, -0.0000,
-0.0000

■ 103.2130,
-31.8170, -12.5930

■ 182.9140,
-32.4130, -12.8050

■ 78.0280, -32.7340,
-12.4940

■ 210.6150,
-33.0090, -13.0170

■ 52.2340, -36.3100,
-13.7660

■ 238.0280,
-32.7340, -12.4940

■ 34.1210, -28.5620,
-11.0100

■ 246.9270,
-16.0920, -5.7240

■ 19.9870, -16.3210,
-7.0810

■ 0.0000, 0.0000,
0.0000

■ 129.2130,
-31.8170, -12.5930

■ 129.2130,
-31.8170, -12.5930

■ 124.6140,
-40.4360, -16.0840

■ 133.8120,
-23.1980, -9.1020

■ 120.3140,
-48.4590, -19.3630

■ 138.1120,
-15.1750, -5.8230

■ 115.8290,
-57.3990, -22.5430

■ 142.5970, -6.2350,
-2.6430

■ 111.5290,
-65.4220, -25.8220

■ 146.8970, 1.7880,
0.6360

■ 106.9300,
-74.0410, -29.3130

■ 151.4960, 10.4070,
4.1270

■ 102.3310,
-82.6600, -32.8040


■ 156.0950, 19.0260,
7.6180

■ 101.4340,
-84.4480, -33.4400

■ 160.3950, 27.0490,
10.8970

■ 164.8800, 35.9890,

14.0770

 169.1800, 44.0120,
17.3560

Harmonies

Analogous

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



130.5750, -18.3370, -14.6010



129.2130, -31.8170, -12.5930



130.0370, -36.9530, -7.6170

Triad

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



129.2130, -31.8170, -12.5930



138.9160, 0.7770, 13.4570



136.6960, 24.1630, -2.8850

Complementary

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



129.2130, -31.8170, -12.5930



107.7870, 31.8170, 12.5930

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.



137.7770, 28.6090, 4.6490



129.2130, -31.8170, -12.5930



139.1690, 16.1820, 15.1100

Square

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



129.2130, -31.8170, -12.5930



136.7720, -16.5530, 8.1430



138.7370, 26.0860, 11.8300



135.2060, 13.6190, -10.0370

Rectangle

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



129.2130, -31.8170, -12.5930



131.5800, -33.9280, -1.8640



138.7370, 26.0860, 11.8300



136.9460, 26.4550, -0.3690

Sweetspot

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



129.2130, -31.8170, -12.5930



182.6070, -12.1950, -4.7630



124.4810, -12.7410, -27.9170



90.4120, -7.1520, -2.5440



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



129.2130, -31.8170, -12.5930



163.0150, -49.0550, -19.5750



115.4670, -26.1800, 0.8920



71.9070, -4.1720, -1.4840



95.8260, -79.6800, -31.7440



7.0100, -5.9600, -2.1200

Inverse Universe

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



107.7870, 31.8170, 12.5930



129.8710, 49.3760, 19.2640



121.5330, 26.1800, -0.8920



69.0930, 4.1720, 1.4840



42.1740, 79.6800, 31.7440



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 129.2130, -31.8170, -12.5930 looks on a white background.

Color Contrast Check

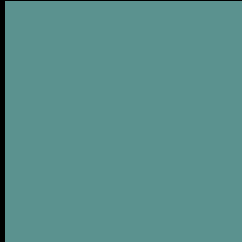
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2130, -31.8170, -12.5930 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 129.2130, -31.8170, -12.5930 Background



This preview shows how black text looks on a background with the YIQ color 129.2130, -31.8170, -12.5930.



This preview shows how white text looks on a background with the YIQ color 129.2130, -31.8170, -12.5930.

-12.5930.

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

129.2130, -31.8170, -12.5930

Protanopia

136.1250, 1.1460, 1.2580

Deuteranopia

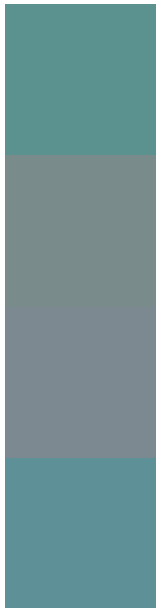
137.1840, 2.6580, 6.8980



Tritanopia

130.4180, -33.6520, -6.8680

Trichromacy



Original Color

129.2130, -31.8170, -12.5930

Protanomaly

133.6180, -10.7280, -3.8160

Deuteranomaly

134.3240, -9.7200, -0.0560

Tritanomaly

130.1360, -32.9180, -9.1580

Monochromacy



Original Color

129.2130, -31.8170, -12.5930

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9060, -11.5990, -4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2130, -31.8170, -12.5930 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(91, 146, 143)` looks like.

```
.text, #text, p{  
    color:rgb(91, 146, 143)  
}
```

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(91, 146, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 146, 143) }
```

Border

The CSS property to change the border of an element to YIQ 129.2130, -31.8170, -12.5930 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(91, 146, 143) }
```


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

```
.border{ border-color:rgb(91, 146, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 146, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 146,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2130, -31.8170, -12.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 146, 143) }
```

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

```
.background{ background-color: rgb(91, 146,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor