

Converting Colors

YIQ(130.4700, -31.4030,
-20.0990)

Have a look what the booklet for
YIQ(130.4700, -31.4030, -20.0990)
contains.

YIQ(130.4700, -31.4030, -20.0990)	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(130.4700, -31.4030,
-20.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	589883
RGB	88, 152, 131
RGB Percent	35%, 60%, 51%
CMY	0.6551, 0.4038, 0.4864
CMYK	0.42, 0.00, 0.14, 0.40
HSL	160°, 27%, 47%
HSV	160°, 42%, 60%
XYZ	19.3480, 26.1758, 25.4956
YIQ	130.4700, -31.4030, -20.0990

Conversions

Conversions Part 2

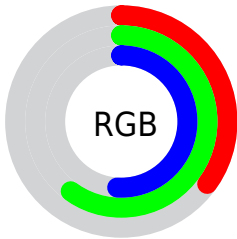
Format	Color
R_{YB}	88, 126, 152
Decimal	5806211
CIE _{Lab}	58.20, -25.72, 4.66
CIE _{LCh}	58, 26.135, 169.718
Yxy	26.1758, 0.2724, 0.3686
Android (android.graphics.Color)	4283996291 (0xFF589883)
YUV	130.4700, 0.2613, -37.2462
Hunter-Lab	51.1623, -22.0309, 6.2677

Details

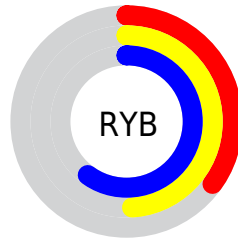
The YIQ color **130.4700, -31.4030, -20.0990** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.5300, 31.4030, 20.0990**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6440, -31.9530, -21.1450**, and **79.1000, -33.2370, -19.9010** is the 20% darker color. If you saturate the color by 10%, you get **125.4150, -38.7380, -24.8340**, and if you desaturate by 10%, it is **135.5250, -24.0680, -15.3640**.

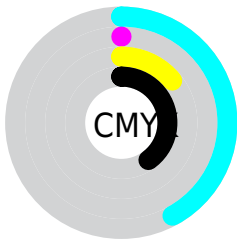
Distribution



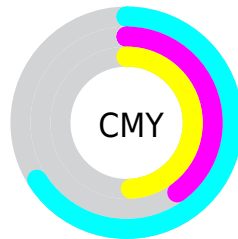
- Red (35%)
- Green (60%)
- Blue (51%)



- Red (35%)
- Yellow (49%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4700, -31.4030, -20.0990 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 130.4700, -31.4030, -20.0990 by changing the saturation by 10% instead.

■ 130.4700,
-31.4030, -20.0990

■ 130.4700,
-31.4030, -20.0990

■ 255.0000, -0.0000,
-0.0000

■ 104.5840,
-31.7240, -19.7880

■ 184.6440,
-31.9530, -21.1450

■ 79.1000, -33.2370,
-19.9010

■ 212.3450,
-32.5490, -21.3570

■ 51.6370, -39.2430,
-21.1870

■ 235.6490,
-30.3490, -17.1730

■ 35.3290, -26.4520,
-16.2120

■ 246.0300,
-17.8800, -6.3600

■ 21.1950, -14.2110,
-12.2830

■ 254.7010, -0.5960,
-0.2120

■ 0.0000, 0.0000,
0.0000

■ 130.4700,
-31.4030, -20.0990

■ 130.4700,
-31.4030, -20.0990

■ 125.4150,
-38.7380, -24.8340

■ 135.5250,
-24.0680, -15.3640

■ 120.3600,
-46.0730, -29.5690

■ 140.5800,
-16.7330, -10.6290

■ 115.0060,
-54.0040, -34.5160

■ 145.9340, -8.8020,
-5.6820

■ 109.9510,
-61.3390, -39.2510

■ 150.9890, -1.4670,
-0.9470

■ 104.8960,
-68.6740, -43.9860

■ 156.0440, 5.8680,
3.7880

■ 100.8520,
-74.5420, -47.7740

■ 161.0990, 13.2030,
8.5230

■ 166.1540, 20.5380,
13.2580

■ 171.5080, 28.4690,

18.2050

■ 176.5630, 35.8040,
22.9400

Harmonies

Analogous

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



134.0890, -8.3410, -19.5490



130.4700, -31.4030, -20.0990



127.1120, -50.7060, -17.1860

Triad

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



130.4700, -31.4030, -20.0990



140.7490, -17.7460, 13.2460



140.7410, 37.4580, 3.9700

Complementary

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



130.4700, -31.4030, -20.0990



109.5300, 31.4030, 20.0990

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.



142.1790, 36.5850, 14.2890



130.4700, -31.4030, -20.0990



143.2420, 5.9110, 19.5350

Square

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



130.4700, -31.4030, -20.0990



134.8060, -40.2560, 2.6880



143.5940, 25.3510, 19.6470



139.3990, 29.2530, -7.0270

Rectangle

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



130.4700, -31.4030, -20.0990



127.8220, -55.5210, -12.5210



143.5940, 25.3510, 19.6470



141.4470, 38.4660, 7.7300

Sweetspot

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



130.4700, -31.4030, -20.0990



190.2000, -12.6070, -8.3110



131.8470, -5.0840, -29.0200



93.9450, -7.3350, -4.7350



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.



130.4700, -31.4030, -20.0990



164.7400, -50.1990, -31.8870



126.4070, -35.1190, -7.8150



74.2660, -3.8050, -2.6290



92.8960, -68.6740, -43.9860



8.6570, -6.4640, -4.0000

Inverse Universe

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



109.5300, 31.4030, 20.0990



131.3740, 49.8780, 32.1980



113.5930, 35.1190, 7.8150



71.6200, 4.1260, 2.3180



47.1040, 68.6740, 43.9860



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 130.4700, -31.4030, -20.0990 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 130.4700, -31.4030, -20.0990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

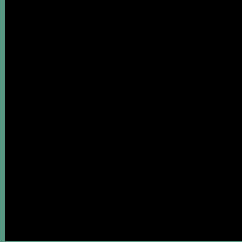
Any Text WCAG AA ✓ Pass

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 130.4700, -31.4030, -20.0990 Background



This preview shows how black text looks on a background with the YIQ color 130.4700, -31.4030, -20.0990.



This preview shows how white text looks on a background with the YIQ color 130.4700, -31.4030, -20.0990.

-20.0990.

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

130.4700, -31.4030, -20.0990

Protanopia

139.0840, 8.3910, -3.3930

Deuteranopia

140.6810, 11.3240, 4.0280



Tritanopia

133.5210, -35.4400, -7.5040

Trichromacy



Original Color

130.4700, -31.4030, -20.0990

Protanomaly

136.0820, -6.4630, -9.5270

Deuteranomaly

136.9130, -4.3090, -4.5090

Tritanomaly

131.9570, -33.9720, -12.0840

Monochromacy



Original Color

130.4700, -31.4030, -20.0990

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2110, -11.1400, -7.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4700, -31.4030, -20.0990 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(88, 152, 131)` looks like.

```
.text, #text, p{  
    color:rgb(88, 152, 131)  
}
```

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(88, 152, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 152, 131) }
```

Border

The CSS property to change the border of an element to YIQ 130.4700, -31.4030, -20.0990 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(88, 152, 131) }
```


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

```
.border{ border-color:rgb(88, 152, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 152, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 152, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 152, 131);  
box-shadow:4px 4px 4px 4px rgb(88, 152,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4700, -31.4030, -20.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 152, 131) }
```

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

```
.background{ background-color: rgb(88, 152,  
131) }
```

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