

Converting Colors

YIQ(130.9660, 13.3940,
-33.5020)

Have a look what the booklet for
YIQ(130.9660, 13.3940, -33.5020)
contains.

YIQ(130.9660, 13.3940, -33.5020)	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(130.9660, 13.3940,
-33.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	7B953B
RGB	123, 149, 59
RGB Percent	48%, 58%, 23%
CMY	0.5178, 0.4156, 0.7685
CMYK	0.17, 0.00, 0.60, 0.42
HSL	77°, 43%, 41%
HSV	77°, 60%, 58%
XYZ	19.7034, 26.0231, 8.1264
YIQ	130.9660, 13.3940, -33.5020

Conversions

Conversions Part 2

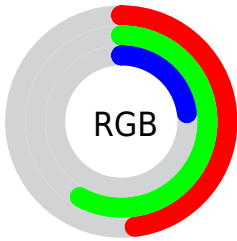
Format	Color
RYB	59, 149, 85
Decimal	8099131
CIELab	58.06, -23.30, 43.48
CIElCh	58, 49.332, 118.187
Yxy	26.0231, 0.3659, 0.4832
Android (android.graphics.Color)	4286289211 (0xFF7B953B)
YUV	130.9660, -35.4792, -6.9862
Hunter-Lab	51.0128, -20.3278, 26.2640

Details

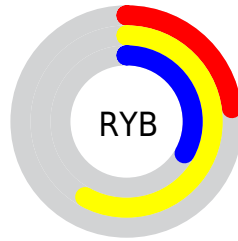
The YIQ color **130.9660, 13.3940, -33.5020** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **77.0340, -13.3940, 33.5020**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6240, 14.3570, -34.4350**, and **79.0970, 14.4030, -35.2690** is the 20% darker color. If you saturate the color by 10%, you get **128.0600, 15.8250, -39.0150**, and if you desaturate by 10%, it is **133.8720, 10.9630, -27.9890**.

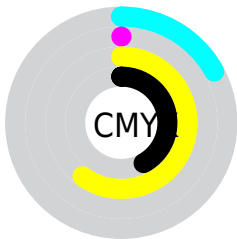
Distribution



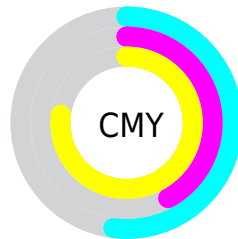
- Red (48%)
- Green (58%)
- Blue (23%)



- Red (23%)
- Yellow (58%)
- Blue (33%)



- Cyan (17%)
- Magenta (0%)
- Yellow (60%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9660, 13.3940, -33.5020 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 130.9660, 13.3940, -33.5020 by changing the saturation by 10% instead.

■ 130.9660, 13.3940,
-33.5020

■ 130.9660, 13.3940,
-33.5020

■ 255.0000, -0.0000,
-0.0000

■ 105.0800, 13.0730,
-33.1910

■ 184.6240, 14.3570,
-34.4350

■ 79.0970, 14.4030,
-35.2690

■ 212.6950, 15.5950,
-34.8450

■ 57.4910, 7.6620,
-28.7380

■ 238.2330, 17.0160,
-33.0640

■ 36.2160, -1.5090,
-22.2210

■ 247.7040, 20.5440,
-19.9040

■ 18.1970, -8.5250,
-16.2130

■ 250.8960, 11.5560,
-11.1960

■ 0.0000, 0.0000,
0.0000

■ 254.2020, 2.2470,

-2.1770

■ 130.9660, 13.3940,
-33.5020

■ 130.9660, 13.3940,
-33.5020

■ 128.0600, 15.8250,
-39.0150

■ 133.8720, 10.9630,
-27.9890

■ 124.8550, 17.6600,
-44.7400

■ 137.0770, 9.1280,
-22.2640

■ 121.9490, 20.0910,
-50.2530

■ 139.9830, 6.6970,
-16.7510

■ 119.1570, 22.2010,
-55.4550

■ 142.8890, 4.2660,
-11.2380

■ 146.0940, 2.4310,
-5.5130

■ 148.8860, 0.3210,
-0.3110

■ 151.7920, -2.1100,
5.2020

■ 154.6980, -4.5410,
10.7150

■ 157.9030, -6.3760,
16.4400

Harmonies

Analogous

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



135.0520, 45.8070, -20.6970



130.9660, 13.3940, -33.5020



122.3810, -33.3710, -39.5070

Triad

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



130.9660, 13.3940, -33.5020



115.1530, -110.6770, -15.1330



140.8740, 54.4620, 37.2300

Complementary

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



130.9660, 13.3940, -33.5020



77.0340, -13.3940, 33.5020

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.



143.7580, 22.7340, 39.5500



130.9660, 13.3940, -33.5020



120.1480, -93.9450, 1.0230

Square

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



130.9660, 13.3940, -33.5020



114.3260, -101.4590, -28.0110



141.3100, -23.1590, 28.7530



138.9180, 68.3570, 22.1890

Rectangle

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



130.9660, 13.3940, -33.5020



107.6000, -82.5200, -46.3600



141.3100, -23.1590, 28.7530



141.8500, 45.8420, 39.2660

Sweetspot

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



130.9660, 13.3940, -33.5020



187.0200, 5.2750, -13.0050



101.1720, 46.4900, 5.4820



92.8120, 3.1650, -7.8030



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



130.9660, 13.3940, -33.5020



165.7810, 20.5040, -52.2320



117.8100, -12.8300, -42.8300



72.6040, 1.0550, -2.6010



110.3080, 20.4580, -51.3980



7.9630, 1.4220, -3.7460

Inverse Universe

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



77.0340, -13.3940, 33.5020



82.2190, -20.5040, 52.2320



90.4890, 13.4260, 43.0420



68.3960, -1.0550, 2.6010



27.6920, -20.4580, 51.3980



2.0370, -1.4220, 3.7460

Previews

White Background



This preview shows how the YIQ color 130.9660, 13.3940, -33.5020 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 130.9660, 13.3940, -33.5020 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 130.9660, 13.3940, -33.5020

Background



This preview shows how black text looks on a background with the YIQ color 130.9660, 13.3940, -33.5020.



This preview shows how white text looks on a background with the YIQ color 130.9660, 13.3940,

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

130.9660, 13.3940, -33.5020

Protanopia

134.3220, 36.1790, -22.4210

Deuteranopia

136.2080, 45.6680, -12.6680



Tritanopia

139.4600, -7.1070, 2.1490

Trichromacy



Original Color

130.9660, 13.3940, -33.5020

Protanomaly

133.1960, 27.6060, -26.7460

Deuteranomaly

134.1200, 33.9320, -20.2440

Tritanomaly

136.2630, 0.2770, -10.5310

Monochromacy



Original Color

130.9660, 13.3940, -33.5020

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.2480, 4.6330, -12.3830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9660, 13.3940, -33.5020 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(123, 149, 59)` looks like.

```
.text, #text, p{  
    color:rgb(123, 149, 59)  
}
```

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(123, 149, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 149, 59) }
```

Border

The CSS property to change the border of an element to YIQ 130.9660, 13.3940, -33.5020 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(123, 149, 59) }
```


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

```
.border{ border-color:rgb(123, 149, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 149, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 149, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 149, 59);  
box-shadow:4px 4px 4px 4px rgb(123, 149,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9660, 13.3940, -33.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 149, 59) }
```

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

```
.background{ background-color: rgb(123,  
149, 59) }
```

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