

Converting Colors

YIQ(159.0270, 38.9280,
-11.6640)

Have a look what the booklet for
YIQ(159.0270, 38.9280, -11.6640)
contains.

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Color

**YIQ(159.0270, 38.9280,
-11.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9C60
RGB	189, 156, 96
RGB Percent	74%, 61%, 38%
CMY	0.2588, 0.3883, 0.6233
CMYK	0.00, 0.17, 0.49, 0.26
HSL	39°, 41%, 56%
HSV	39°, 49%, 74%
XYZ	34.9887, 35.4379, 16.0748
YIQ	159.0270, 38.9280, -11.6640

Conversions

Conversions Part 2

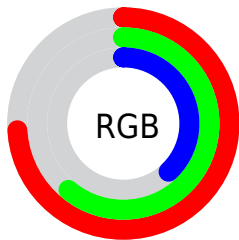
Format	Color
RYB	147, 189, 96
Decimal	12426336
CIELab	66.09, 4.52, 35.83
CIELCh	66, 36.111, 82.817
Yxy	35.4379, 0.4045, 0.4097
Android (android.graphics.Color)	4290616416 (0xFFBD9C60)
YUV	159.0270, -31.0723, 26.2863
Hunter-Lab	59.5297, 0.7366, 25.6607

Details

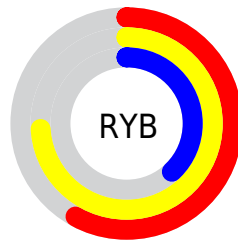
The YIQ color **159.0270, 38.9280, -11.6640** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **125.9730, -38.9280, 11.6640**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9950, 41.9540, -11.4380**, and **106.8740, 34.9850, -11.7910** is the 20% darker color. If you saturate the color by 10%, you get **152.7520, 46.9520, -13.9120**, and if you desaturate by 10%, it is **165.3020, 30.9040, -9.4160**.

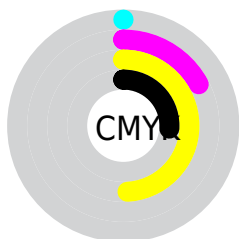
Distribution



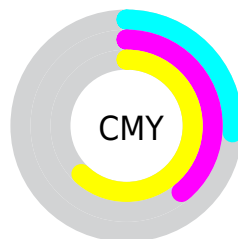
- Red (74%)
- Green (61%)
- Blue (38%)



- Red (58%)
- Yellow (74%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.0270, 38.9280, -11.6640 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 159.0270, 38.9280, -11.6640 by changing the saturation by 10% instead.

 159.0270, 38.9280,
-11.6640


 159.0270, 38.9280,
-11.6640


255.0000, -0.0000,
-0.0000


 132.5430, 37.4150,
-11.7770


 213.9950, 41.9540,
-11.4380


 106.8740, 34.9850,
-11.7910


 236.4880, 30.0800,
-16.5120


 82.2760, 33.7930,
-12.2150

 248.9580, 17.0130,
-16.4830

 58.2650, 32.3260,
-13.1620

 252.2640, 7.7040,
-7.4640

 38.4630, 23.2010,
-7.4790

 18.6610, 14.0760,
-1.7960

 0.0000, 0.0000,

0.0000

■ 159.0270, 38.9280,
-11.6640

■ 159.0270, 38.9280,
-11.6640

■ 152.7520, 46.9520,
-13.9120

■ 165.3020, 30.9040,
-9.4160

■ 147.0640, 54.7010,
-16.6830

■ 170.9900, 23.1550,
-6.6450

■ 140.7890, 62.7250,
-18.9310

■ 177.2650, 15.1310,
-4.3970

■ 134.5140, 70.7490,
-21.1790

■ 183.5400, 7.1070,
-2.1490

■ 128.3530, 78.4520,
-23.1160

■ 189.8150, -0.9170,
0.0990

■ 128.1250, 79.0940,
-23.7380

■ 195.3890, -8.3450,
2.5590

■ 201.6640,
-16.3690, 4.8070

■ 207.9390,
-24.3930, 7.0550

■ 212.3730,
-28.6110, 6.4050

Harmonies

Analogous

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



161.3420, 51.7630, 3.5310



159.0270, 38.9280, -11.6640



155.7850, 15.8220, -22.4340

Triad

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



159.0270, 38.9280, -11.6640



133.9480, -91.6470, -29.6230



164.7470, 12.0990, 28.5390

Complementary

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



159.0270, 38.9280, -11.6640



125.9730, -38.9280, 11.6640

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.



161.8120, -22.0570, 19.7910



159.0270, 38.9280, -11.6640



138.4510, -91.1450, -16.6890

Square

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



159.0270, 38.9280, -11.6640



143.8370, -51.8500, -29.4980



152.8780, -57.9540, 4.0460



164.3940, 37.9580, 27.9580

Rectangle

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



159.0270, 38.9280, -11.6640



153.2000, -4.5800, -27.1400



152.8780, -57.9540, 4.0460



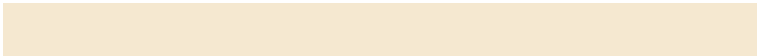
164.4190, 1.2790, 26.3910

Sweetspot

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



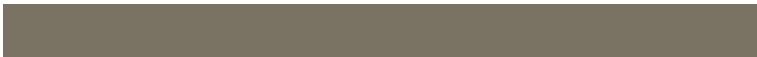
159.0270, 38.9280, -11.6640



233.1510, 15.4520, -4.7080



127.6830, 44.5140, 30.2900



115.3830, 8.9870, -3.1810



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



159.0270, 38.9280, -11.6640



197.9460, 60.8450, -17.8990



174.8100, 22.7010, -31.4670



91.2130, 3.7140, -1.2300



107.1160, 66.1180, -19.8500



21.0090, 12.9760, -3.8880

Inverse Universe

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



125.9730, -38.9280, 11.6640



147.0540, -60.8450, 17.8990



110.1900, -22.7010, 31.4670



87.7870, -3.7140, 1.2300



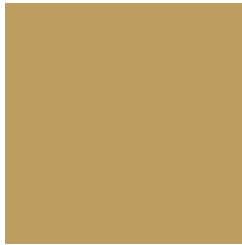
50.8840, -66.1180, 19.8500



9.9910, -12.9760, 3.8880

Previews

White Background



This preview shows how the YIQ color 159.0270, 38.9280, -11.6640 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 159.0270, 38.9280, -11.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

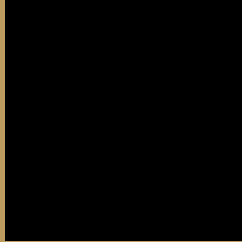
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.0270, 38.9280, -11.6640

Background



This preview shows how black text looks on a background with the YIQ color 159.0270, 38.9280, -11.6640.



This preview shows how white text looks on a background with the YIQ color 159.0270, 38.9280, -11.6640.

-11.6640.

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

159.0270, 38.9280, -11.6640

Protanopia

158.3030, 29.1630, -16.4130

Deuteranopia

159.7610, 42.7330, -9.0350



Tritanopia

163.4210, 24.1600, 13.6960

Trichromacy



Original Color

159.0270, 38.9280, -11.6640

Protanomaly

158.5100, 33.0140, -14.6180

Deuteranomaly

159.7500, 41.2660, -9.9820

Tritanomaly

161.9620, 29.5260, 4.5500

Monochromacy



Original Color

159.0270, 38.9280, -11.6640

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0800, 14.2140, -4.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0270, 38.9280, -11.6640 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(189, 156, 96)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 96)  
}
```

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(189, 156, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 96) }
```

Border

The CSS property to change the border of an element to YIQ 159.0270, 38.9280, -11.6640 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(189, 156, 96) }
```


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

```
.border{ border-color:rgb(189, 156, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 96);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0270, 38.9280, -11.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 96) }
```

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

```
.background{ background-color: rgb(189,  
156, 96) }
```

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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