

Converting Colors

YIQ(159.4340, 56.5350,
-16.8810)

Have a look what the booklet for
YIQ(159.4340, 56.5350, -16.8810)
contains.

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Color

**YIQ(159.4340, 56.5350,
-16.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9B44
RGB	203, 155, 68
RGB Percent	80%, 61%, 27%
CMY	0.2039, 0.3922, 0.7330
CMYK	0.00, 0.24, 0.66, 0.20
HSL	39°, 56%, 53%
HSV	39°, 66%, 80%
XYZ	37.3964, 36.5528, 10.5652
YIQ	159.4340, 56.5350, -16.8810

Conversions

Conversions Part 2

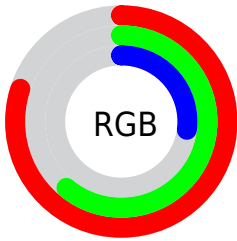
Format	Color
RYB	142, 203, 68
Decimal	13343556
CIELab	66.94, 8.88, 51.10
CIELCh	67, 51.862, 80.140
Yxy	36.5528, 0.4425, 0.4325
Android (android.graphics.Color)	4291533636 (0xFFCB9B44)
YUV	159.4340, -45.0770, 38.2074
Hunter-Lab	60.4589, 4.6066, 31.9604

Details

The YIQ color **159.4340, 56.5350, -16.8810** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **111.5660, -56.5350, 16.8810**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.6080, 55.9850, -17.9270**, and **105.8850, 53.6470, -19.6090** is the 20% darker color. If you saturate the color by 10%, you get **153.0450, 64.8800, -19.4400**, and if you desaturate by 10%, it is **165.8230, 48.1900, -14.3220**.

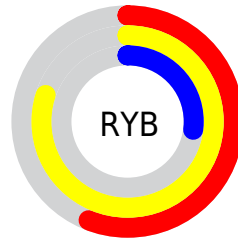
Distribution



Red (80%)

Green (61%)

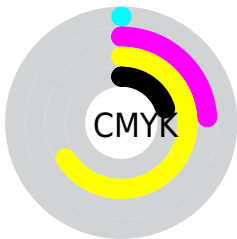
Blue (27%)



Red (56%)

Yellow (80%)

Blue (27%)

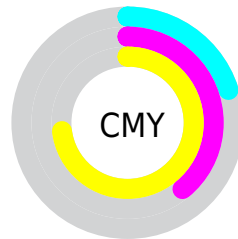


Cyan (0%)

Magenta (24%)

Yellow (66%)

Black (20%)



Cyan (20%)

Magenta (39%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.4340, 56.5350, -16.8810 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 159.4340, 56.5350, -16.8810 by changing the saturation by 10% instead.

■ 159.4340, 56.5350,
-16.8810

■ 159.4340, 56.5350,
-16.8810

■ 255.0000, -0.0000,
-0.0000

■ 132.5370, 54.7470,
-17.5170

■ 212.6080, 55.9850,
-17.9270

■ 105.8850, 53.6470,
-19.6090

■ 232.0080, 39.9390,
-24.4850

■ 81.9430, 47.7320,
-17.0360

■ 245.7660, 26.0010,
-25.1910

■ 60.3690, 37.9650,
-10.7310

■ 248.9580, 17.0130,
-16.4830

■ 39.9690, 27.6480,
-5.4720

■ 252.1500, 8.0250,
-7.7750

■ 20.7540, 18.2480,
-0.3120

■ 0.0000, 0.0000,

0.0000

■ 159.4340, 56.5350,
-16.8810

■ 159.4340, 56.5350,
-16.8810

■ 153.0450, 64.8800,
-19.4400

■ 165.8230, 48.1900,
-14.3220

■ 146.5420, 73.5460,
-22.3100

■ 172.3260, 39.5240,
-11.4520

■ 139.5660, 82.1660,
-24.3460

■ 179.3020, 30.9040,
-9.4160

■ 137.5940, 84.9630,
-25.4770

■ 185.6910, 22.5590,
-6.8570

■ 192.1940, 13.8930,
-3.9870

■ 198.5830, 5.5480,
-1.4280

■ 205.5590, -3.0720,
0.6080

■ 211.9480,
-11.4170, 3.1670

■ 218.4510,
-20.0830, 6.0370

Harmonies

Analogous

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



161.8730, 72.2570, 6.5690



159.4340, 56.5350, -16.8810



155.4250, 25.2230, -33.1210

Triad

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



159.4340, 56.5350, -16.8810



131.2980, -113.4240, -36.9440



167.7230, 12.6470, 40.6390

Complementary

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



159.4340, 56.5350, -16.8810



111.5660, -56.5350, 16.8810

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.



162.6330, -40.3060, 25.6300



159.4340, 56.5350, -16.8810



133.3960, -124.8430, -22.7230

Square

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



159.4340, 56.5350, -16.8810



125.1250, -97.4200, -51.6600



129.9200, -128.8340, -10.9620



165.3670, 51.7560, 42.2200

Rectangle

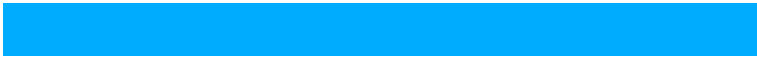
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.4340, 56.5350, -16.8810



151.0070, -3.0190, -38.9150



129.9200, -128.8340, -10.9620



167.2310, -3.5830, 37.4170

Sweetspot

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



159.4340, 56.5350, -16.8810



238.6200, 21.3210, -6.4470



114.0650, 64.4100, 44.1700



118.0090, 12.9760, -3.8880



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



159.4340, 56.5350, -16.8810



188.8930, 85.5590, -25.2650



182.2280, 32.6070, -45.8010



98.5120, 4.3100, -1.0180



112.4430, 69.5110, -20.7690



26.0370, 15.7730, -5.0190

Inverse Universe

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



111.5660, -56.5350, 16.8810



117.1070, -85.5590, 25.2650



88.7720, -32.6070, 45.8010



94.9010, -4.0350, 1.5410



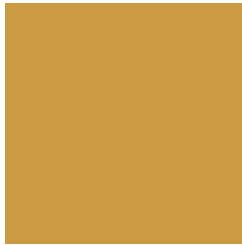
53.5570, -69.5110, 20.7690



12.5500, -16.0480, 4.4960

Previews

White Background



This preview shows how the YIQ color 159.4340, 56.5350, -16.8810 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 159.4340, 56.5350, -16.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

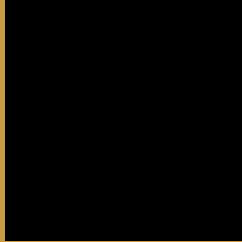
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.4340, 56.5350, -16.8810

Background



This preview shows how black text looks on a background with the YIQ color 159.4340, 56.5350, -16.8810.



This preview shows how white text looks on a background with the YIQ color 159.4340, 56.5350, -16.8810.

-16.8810.

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

159.4340, 56.5350, -16.8810

Protanopia

157.8940, 40.2600, -24.7960

Deuteranopia

159.4340, 56.5350, -16.8810



Tritanopia

166.3900, 34.6130, 16.9890

Trichromacy



Original Color

159.4340, 56.5350, -16.8810

Protanomaly

158.4110, 46.1740, -21.8420

Deuteranomaly

159.4340, 56.5350, -16.8810

Tritanomaly

163.6060, 42.2720, 4.8320

Monochromacy



Original Color

159.4340, 56.5350, -16.8810

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.4350, 20.4040, -6.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4340, 56.5350, -16.8810 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(203, 155, 68)` looks like.

```
.text, #text, p{  
    color:rgb(203, 155, 68)  
}
```

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(203, 155, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 155, 68) }
```

Border

The CSS property to change the border of an element to YIQ 159.4340, 56.5350, -16.8810 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(203, 155, 68) }
```


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

```
.border{ border-color:rgb(203, 155, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 155, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 155, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 155, 68);  
box-shadow:4px 4px 4px 4px rgb(203, 155,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4340, 56.5350, -16.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 155, 68) }
```

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

```
.background{ background-color: rgb(203,  
155, 68) }
```

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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