

Converting Colors

YIQ(139.2310, 46.8610,
-17.7710)

Have a look what the booklet for
YIQ(139.2310, 46.8610, -17.7710)
contains.

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Color

**YIQ(139.2310, 46.8610,
-17.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8A39
RGB	173, 138, 57
RGB Percent	68%, 54%, 22%
CMY	0.3215, 0.4589, 0.7762
CMYK	0.00, 0.20, 0.67, 0.32
HSL	42°, 50%, 45%
HSV	42°, 67%, 68%
XYZ	27.0619, 27.3539, 7.7327
YIQ	139.2310, 46.8610, -17.7710

Conversions

Conversions Part 2

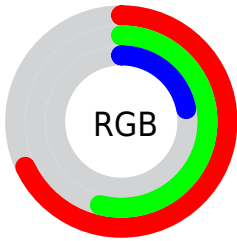
Format	Color
R_{YB}	107, 173, 57
Decimal	11373113
CIE _{Lab}	59.30, 4.36, 47.00
CIE _{LCh}	59, 47.207, 84.696
Yxy	27.3539, 0.4354, 0.4401
Android (android.graphics.Color)	4289563193 (0xFFAD8A39)
YUV	139.2310, -40.5399, 29.6154
Hunter-Lab	52.3010, 0.8338, 27.8446

Details

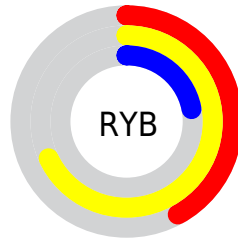
The YIQ color **139.2310, 46.8610, -17.7710** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **90.7690, -46.8610, 17.7710**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4980, 50.4830, -17.3330**, and **86.7530, 45.2110, -20.9090** is the 20% darker color. If you saturate the color by 10%, you get **134.3580, 53.6930, -20.4430**, and if you desaturate by 10%, it is **144.1040, 40.0290, -15.0990**.

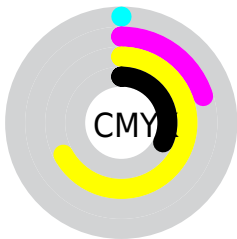
Distribution



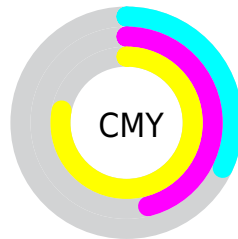
- Red (68%)
- Green (54%)
- Blue (22%)



- Red (42%)
- Yellow (68%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (67%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.2310, 46.8610, -17.7710 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 139.2310, 46.8610, -17.7710 by changing the saturation by 10% instead.


 139.2310, 46.8610,
-17.7710

 139.2310, 46.8610,
-17.7710


255.0000, -0.0000,
-0.0000


 113.3340, 45.0730,
-18.4070


 193.4980, 50.4830,
-17.3330


 86.7530, 45.2110,
-20.9090


 220.0740, 48.7410,
-18.8030


 65.0650, 35.7650,
-14.9150


 239.5880, 32.3740,
-25.0500

 44.3770, 26.3190,
-8.9210

 247.4760, 21.1860,
-20.5260

 25.1620, 16.9190,
-3.7610

 250.6680, 12.1980,
-11.8180

 1.1960, 2.3840,
0.8480

 253.9740, 2.8890,

 0.0000, 0.0000,

-2.7990

0.0000

■ 139.2310, 46.8610,
-17.7710

■ 139.2310, 46.8610,
-17.7710

■ 134.3580, 53.6930,
-20.4430

■ 144.1040, 40.0290,
-15.0990

■ 129.3710, 60.8460,
-23.4260

■ 149.0910, 32.8760,
-12.1160

■ 123.9110, 67.9530,
-25.5750

■ 154.5510, 25.7690,
-9.9670

■ 122.7540, 69.8330,
-26.6070

■ 159.4240, 18.9370,
-7.2950

■ 164.4110, 11.7840,
-4.3120

■ 169.2840, 4.9520,
-1.6400

■ 174.7440, -2.1550,
0.5090

■ 179.6170, -8.9870,
3.1810

■ 184.6040,
-16.1400, 6.1640

Harmonies

Analogous

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



141.8610, 63.3630, 2.5550



139.2310, 46.8610, -17.7710



135.7000, 17.1990, -30.8730

Triad

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



139.2310, 46.8610, -17.7710



115.7450, -101.3210, -30.5130



146.9530, 17.6910, 37.3310

Complementary

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



139.2310, 46.8610, -17.7710



90.7690, -46.8610, 17.7710

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.



143.8640, -27.8350, 25.3890



139.2310, 46.8610, -17.7710



117.2730, -111.1350, -17.8470

Square

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



139.2310, 46.8610, -17.7710



110.9570, -87.8390, -43.5750



122.0830, -95.3200, -1.5920



145.0090, 49.6480, 36.3680

Rectangle

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



139.2310, 46.8610, -17.7710



131.2930, -9.5760, -35.7200



122.0830, -95.3200, -1.5920



147.2440, 3.5700, 34.4340

Sweetspot

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



139.2310, 46.8610, -17.7710



211.3530, 17.6990, -6.8850



95.9020, 57.2590, 36.0990



104.2260, 10.8670, -4.2130



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



139.2310, 46.8610, -17.7710



171.8960, 72.3090, -27.4270



153.4970, 24.7200, -40.5280



84.2130, 3.7140, -1.2300



106.4850, 60.5250, -23.1150



16.2690, 9.3080, -3.4920

Inverse Universe

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



90.7690, -46.8610, 17.7710



97.1040, -72.3090, 27.4270



76.5030, -24.7200, 40.5280



80.7870, -3.7140, 1.2300



43.5150, -60.5250, 23.1150



6.7310, -9.3080, 3.4920

Previews

White Background



This preview shows how the YIQ color 139.2310, 46.8610, -17.7710 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 139.2310, 46.8610, -17.7710 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 139.2310, 46.8610, -17.7710

Background



This preview shows how black text looks on a background with the YIQ color 139.2310, 46.8610, -17.7710.



This preview shows how white text looks on a background with the YIQ color 139.2310, 46.8610, -17.7710.

-17.7710.

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

139.2310, 46.8610, -17.7710

Protanopia

138.2080, 36.5000, -22.7320

Deuteranopia

139.6660, 50.0700, -15.3540



Tritanopia

145.0900, 26.5900, 13.7100

Trichromacy



Original Color

139.2310, 46.8610, -17.7710

Protanomaly

138.4150, 40.3510, -20.9370

Deuteranomaly

139.6550, 48.6030, -16.3010

Tritanomaly

142.8330, 34.2030, 2.3870

Monochromacy



Original Color

139.2310, 46.8610, -17.7710

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1680, 16.7820, -6.7860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.2310, 46.8610, -17.7710 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(173, 138, 57)` looks like.

```
.text, #text, p{  
    color:rgb(173, 138, 57)  
}
```

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(173, 138, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 138, 57) }
```

Border

The CSS property to change the border of an element to YIQ 139.2310, 46.8610, -17.7710 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(173, 138, 57) }
```


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

```
.border{ border-color:rgb(173, 138, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 138, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 138, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 138, 57);  
box-shadow:4px 4px 4px 4px rgb(173, 138,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 139.2310, 46.8610, -17.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 138, 57) }
```

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

```
.background{ background-color: rgb(173,  
138, 57) }
```

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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