

Converting Colors

YIQ(139.4220, 56.8090,
-10.8310)

Have a look what the booklet for
YIQ(139.4220, 56.8090, -10.8310)
contains.

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Color

**YIQ(139.4220, 56.8090,
-10.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	BB833A
RGB	187, 131, 58
RGB Percent	73%, 51%, 23%
CMY	0.2666, 0.4863, 0.7723
CMYK	0.00, 0.30, 0.69, 0.27
HSL	34°, 53%, 48%
HSV	34°, 69%, 73%
XYZ	29.3777, 27.1001, 7.6951
YIQ	139.4220, 56.8090, -10.8310

Conversions

Conversions Part 2

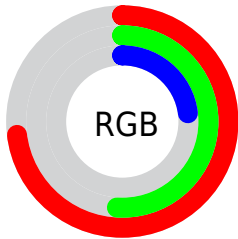
Format	Color
RYB	157, 187, 58
Decimal	12288826
CIELab	59.07, 14.50, 46.74
CIELCh	59, 48.934, 72.766
Yxy	27.1001, 0.4578, 0.4223
Android (android.graphics.Color)	4290478906 (0xFFBB833A)
YUV	139.4220, -40.1410, 41.7259
Hunter-Lab	52.0577, 9.6316, 27.6763

Details

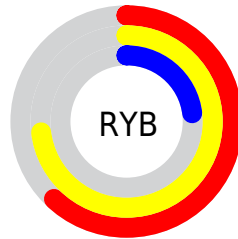
The YIQ color **139.4220, 56.8090, -10.8310** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **105.5780, -56.8090, 10.8310**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1730, 61.9440, -10.2800**, and **87.3460, 53.9670, -14.3930** is the 20% darker color. If you saturate the color by 10%, you get **132.5600, 65.1080, -12.5560**, and if you desaturate by 10%, it is **146.2840, 48.5100, -9.1060**.

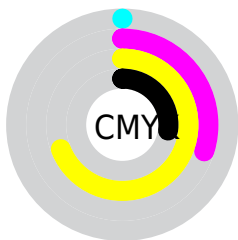
Distribution



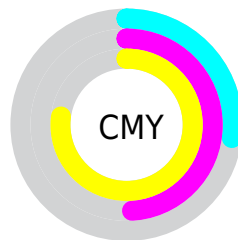
- Red (73%)
- Green (51%)
- Blue (23%)



- Red (62%)
- Yellow (73%)
- Blue (23%)



- Cyan (0%)
- Magenta (30%)
- Yellow (69%)
- Black (27%)



- Cyan (27%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.4220, 56.8090, -10.8310 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 139.4220, 56.8090, -10.8310 by changing the saturation by 10% instead.

■ 139.4220, 56.8090,
-10.8310

■ 139.4220, 56.8090,
-10.8310

■ 255.0000, -0.0000,
-0.0000

■ 113.2260, 54.4250,
-11.6790

■ 194.2870, 61.6230,
-9.9690

■ 87.3460, 53.9670,
-14.3930

■ 216.0790, 50.3450,
-14.8310

■ 65.1310, 44.5670,
-9.2330

■ 235.5930, 33.9780,
-21.0780

■ 44.1440, 34.5250,
-3.4510

■ 247.4760, 21.1860,
-20.5260

■ 23.7440, 24.2080,
1.8080

■ 250.6680, 12.1980,
-11.8180

■ 6.5780, 13.1120,
4.6640

■ 253.9740, 2.8890,

■ 0.0000, 0.0000,

-2.7990

0.0000

■ 139.4220, 56.8090,
-10.8310

■ 139.4220, 56.8090,
-10.8310

■ 132.5600, 65.1080,
-12.5560

■ 146.2840, 48.5100,
-9.1060

■ 125.8120, 73.0860,
-13.9700

■ 153.0320, 40.5320,
-7.6920

■ 118.9500, 81.3850,
-15.6950

■ 159.8940, 32.2330,
-5.9670

■ 118.1350, 82.3020,
-15.7940

■ 166.7560, 23.9340,
-4.2420

■ 174.2050, 15.3600,
-3.0400

■ 180.9530, 7.3820,
-1.6260

■ 187.8150, -0.9170,
0.0990

■ 194.6770, -9.2160,
1.8240

■ 201.4250,
-17.1940, 3.2380

Harmonies

Analogous

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



140.9960, 67.7170, 11.7570



139.4220, 56.8090, -10.8310



136.2950, 31.6410, -28.2870

Triad

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



139.4220, 56.8090, -10.8310



114.5080, -96.4600, -36.0120



146.2160, 0.7730, 35.5650

Complementary

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



139.4220, 56.8090, -10.8310



105.5780, -56.8090, 10.8310

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.



138.4310, -51.7210, 17.7430



139.4220, 56.8090, -10.8310



117.1930, -108.1540, -22.3140

Square

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



139.4220, 56.8090, -10.8310



111.1940, -75.5050, -46.8410



115.9340, -114.2540, -10.8780



144.8540, 40.0190, 40.1710

Rectangle

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



139.4220, 56.8090, -10.8310



132.6170, 7.0670, -34.4770



115.9340, -114.2540, -10.8780



145.0830, -15.0900, 31.1980

Sweetspot

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



139.4220, 56.8090, -10.8310



223.2720, 22.4210, -4.3550



103.1830, 58.2660, 45.3860



110.9490, 13.2050, -2.5310



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.



139.4220, 56.8090, -10.8310



168.0170, 88.4460, -17.0100



170.5000, 37.8330, -41.3910



90.6260, 3.9890, -0.7070



99.4850, 69.6930, -13.0510



19.2480, 13.8010, -2.3190

Inverse Universe

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



105.5780, -56.8090, 10.8310



115.5700, -88.7210, 16.4870



74.7990, -37.2370, 41.6030



88.3740, -3.9890, 0.7070



58.5150, -69.6930, 13.0510



11.1650, -13.5260, 2.8420

Previews

White Background



This preview shows how the YIQ color 139.4220, 56.8090, -10.8310 looks on a white background.

Color Contrast Check

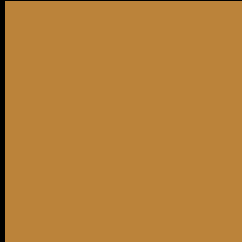
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.4220, 56.8090, -10.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

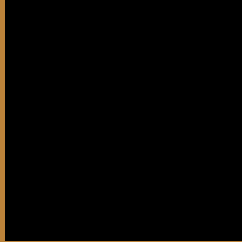
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.4220, 56.8090, -10.8310

Background



This preview shows how black text looks on a background with the YIQ color 139.4220, 56.8090, -10.8310.



This preview shows how white text looks on a background with the YIQ color 139.4220, 56.8090, -10.8310.

-10.8310.

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

139.4220, 56.8090, -10.8310

Protanopia

138.2510, 34.9410, -22.0110

Deuteranopia

138.6660, 50.0700, -15.3540



Tritanopia

144.6570, 38.2350, 17.4270

Trichromacy



Original Color

139.4220, 56.8090, -10.8310

Protanomaly

139.0780, 42.9180, -17.8980

Deuteranomaly

139.2750, 52.7290, -13.9830

Tritanomaly

142.7420, 44.8850, 7.0370

Monochromacy



Original Color

139.4220, 56.8090, -10.8310

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0160, 20.2660, -3.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.4220, 56.8090, -10.8310 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(187, 131, 58)` looks like.

```
.text, #text, p{  
    color:rgb(187, 131, 58)  
}
```

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(187, 131, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 131, 58) }
```

Border

The CSS property to change the border of an element to YIQ 139.4220, 56.8090, -10.8310 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(187, 131, 58) }
```


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

```
.border{ border-color:rgb(187, 131, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 131, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 131, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 131, 58);  
box-shadow:4px 4px 4px 4px rgb(187, 131,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 139.4220, 56.8090, -10.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 131, 58) }
```

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

```
.background{ background-color: rgb(187,  
131, 58) }
```

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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