

Converting Colors

YIQ(133.9380, 56.4370, 17.9490)

Have a look what the booklet for
YIQ(133.9380, 56.4370, 17.9490)
contains.

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Color

**YIQ(133.9380, 56.4370,
17.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	C76B66
RGB	199, 107, 102
RGB Percent	78%, 42%, 40%
CMY	0.2194, 0.5805, 0.5998
CMYK	0.00, 0.46, 0.49, 0.22
HSL	3°, 46%, 59%
HSV	3°, 49%, 78%
XYZ	31.2226, 23.6174, 15.4985
YIQ	133.9380, 56.4370, 17.9490

Conversions

Conversions Part 2

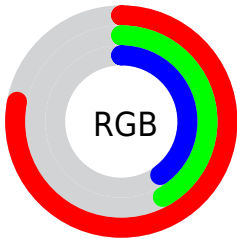
Format	Color
R_{YB}	199, 107, 102
Decimal	13069158
CIE Lab	55.70, 35.93, 19.20
CIE LCh	56, 40.740, 28.117
Yxy	23.6174, 0.4439, 0.3358
Android (android.graphics.Color)	4291259238 (0xFFC76B66)
YUV	133.9380, -15.7454, 57.0594
Hunter-Lab	48.5978, 29.6348, 15.1100

Details

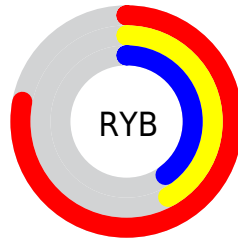
The YIQ color **133.9380, 56.4370, 17.9490** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **167.0620, -56.4370, -17.9490**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.6070, 58.8670, 17.9630**, and **81.8880, 50.7060, 17.1860** is the 20% darker color. If you saturate the color by 10%, you get **120.5050, 68.0820, 21.6660**, and if you desaturate by 10%, it is **147.3710, 44.7920, 14.2320**.

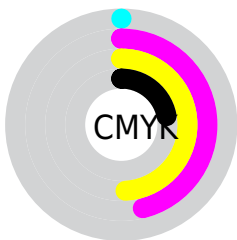
Distribution



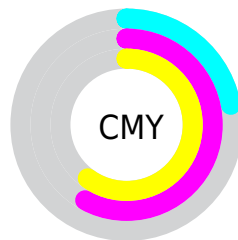
- Red (78%)
- Green (42%)
- Blue (40%)



- Red (78%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (49%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9380, 56.4370, 17.9490 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 133.9380, 56.4370, 17.9490 by changing the saturation by 10% instead.


 133.9380, 56.4370,
17.9490


 133.9380, 56.4370,
17.9490


255.0000, -0.0000,
-0.0000


 107.8560, 53.7320,
17.4120


 187.6070, 58.8670,
17.9630

 81.8880, 50.7060,
17.1860


 206.5340, 42.7750,
12.2390


 55.8600, 47.9090,
18.3170

 226.6350, 26.1330,
5.4690

 28.2560, 46.8540,
20.9180

 246.3770, 9.1240,
-0.1560

 17.6410, 35.1640,
12.5080

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 133.9380, 56.4370,
17.9490

■ 133.9380, 56.4370,
17.9490

■ 120.5050, 68.0820,
21.6660

■ 147.3710, 44.7920,
14.2320

■ 107.0720, 79.7270,
25.3830

■ 160.8040, 33.1470,
10.5150

■ 93.6390, 91.3720,
29.1000

■ 174.2370, 21.5020,
6.7980

■ 80.2060, 103.0170,
32.8170

■ 187.6700, 9.8570,
3.0810

■ 66.8870, 114.3410,
36.8450

■ 200.5160, -1.5130,
-0.1130

■ 65.3710, 115.8540,
36.9580

■ 213.8350,
-12.8370, -4.1410

■ 227.2680,
-24.4820, -7.8580

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



135.5690, 44.8350, 29.9790



133.9380, 56.4370, 17.9490



132.7180, 53.4600, 0.3080

Triad

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



133.9380, 56.4370, 17.9490



120.7290, -25.3030, -31.5350



123.9960, -64.0980, 5.2620

Complementary

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



133.9380, 56.4370, 17.9490



167.0620, -56.4370, -17.9490

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.



108.2910, -102.3780, -16.8580



133.9380, 56.4370, 17.9490



103.4570, -83.2550, -38.5430

Square

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



133.9380, 56.4370, 17.9490



126.8120, 11.1920, -26.6320



107.5610, -94.8110, -27.3470



135.4860, -18.0230, 23.7770

Rectangle

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



133.9380, 56.4370, 17.9490



131.6640, 44.3840, -11.4240



107.5610, -94.8110, -27.3470



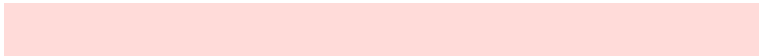
113.5690, -88.1210, -5.4090

Sweetspot

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



133.9380, 56.4370, 17.9490



229.5360, 22.0980, 7.0100



141.4910, 28.2800, 49.1760



112.4640, 13.4330, 4.3530



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.



133.9380, 56.4370, 17.9490



155.9480, 86.0080, 27.1920



162.1140, 43.2370, -7.1550



92.6910, 5.3640, 1.9080



53.4330, 94.9480, 30.3720



11.9380, 20.9060, 6.5860

Inverse Universe

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



167.0620, -56.4370, -17.9490



206.6390, -86.2830, -27.7150



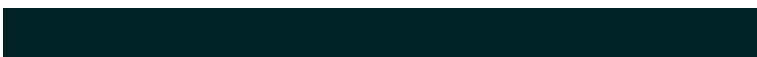
138.8860, -43.2370, 7.1550



96.3090, -5.3640, -1.9080



109.5670, -94.9480, -30.3720



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 133.9380, 56.4370, 17.9490 looks on a white background.

Color Contrast Check

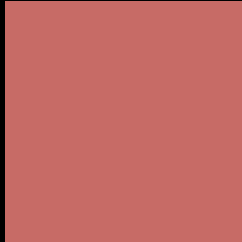
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9380, 56.4370, 17.9490 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 133.9380, 56.4370, 17.9490

Background



This preview shows how black text looks on a background with the YIQ color 133.9380, 56.4370, 17.9490.



This preview shows how white text looks on a background with the YIQ color 133.9380, 56.4370,

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

133.9380, 56.4370, 17.9490

Protanopia

133.9270, 10.2710, -4.4250

Deuteranopia

133.5500, 27.5100, -2.9700



Tritanopia

134.3170, 54.0520, 22.6280

Trichromacy



Original Color

133.9380, 56.4370, 17.9490

Protanomaly

133.7660, 27.1420, 3.7020

Deuteranomaly

133.4530, 38.3290, 4.7050

Tritanomaly

134.4480, 55.0610, 20.8610

Monochromacy



Original Color

133.9380, 56.4370, 17.9490

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9380, 20.9060, 6.5860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9380, 56.4370, 17.9490 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(199, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 102)  
}
```

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(199, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 102) }
```

Border

The CSS property to change the border of an element to YIQ 133.9380, 56.4370, 17.9490 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(199, 107, 102) }
```


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

```
.border{ border-color:rgb(199, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9380, 56.4370, 17.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 102) }
```

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

```
.background{ background-color: rgb(199,  
107, 102) }
```

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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