

Converting Colors

YIQ(133.4380, 51.8530, 12.9170)

Have a look what the booklet for
YIQ(133.4380, 51.8530, 12.9170)
contains.

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Color

**YIQ(133.4380, 51.8530,
12.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6F62
RGB	191, 111, 98
RGB Percent	75%, 44%, 38%
CMY	0.2508, 0.5648, 0.6155
CMYK	0.00, 0.42, 0.49, 0.25
HSL	8°, 42%, 57%
HSV	8°, 49%, 75%
XYZ	29.3855, 23.3268, 14.5226
YIQ	133.4380, 51.8530, 12.9170

Conversions

Conversions Part 2

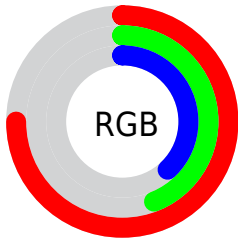
Format	Color
R_{YB}	191, 113, 98
Decimal	12545890
CIE Lab	55.41, 30.30, 20.93
CIE LCh	55, 36.827, 34.634
Yxy	23.3268, 0.4371, 0.3469
Android (android.graphics.Color)	4290735970 (0xFFBF6F62)
YUV	133.4380, -17.4709, 50.4819
Hunter-Lab	48.2978, 24.0823, 15.9806

Details

The YIQ color **133.4380, 51.8530, 12.9170** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.5620, -51.8530, -12.9170**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0040, 56.0710, 13.5670**, and **81.6870, 46.7180, 12.3660** is the 20% darker color. If you saturate the color by 10%, you get **121.8800, 62.3520, 15.3760**, and if you desaturate by 10%, it is **144.9960, 41.3540, 10.4580**.

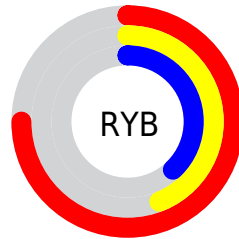
Distribution



Red (75%)

Green (44%)

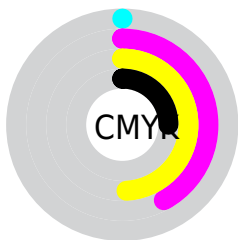
Blue (38%)



Red (75%)

Yellow (44%)

Blue (38%)

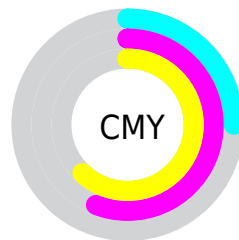


Cyan (0%)

Magenta (42%)

Yellow (49%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.4380, 51.8530, 12.9170 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 133.4380, 51.8530, 12.9170 by changing the saturation by 10% instead.


 133.4380, 51.8530,
12.9170


 133.4380, 51.8530,
12.9170


255.0000, -0.0000,
-0.0000


 107.3560, 49.1480,
12.3800


 188.0040, 56.0710,
13.5670


 81.6870, 46.7180,
12.3660


 208.4260, 42.9590,
8.9030


 57.7190, 43.6920,
12.1400

 227.9400, 26.5920,
2.6560

 32.3490, 41.8580,
12.3380

 248.1550, 9.6290,
-3.8030

 15.8470, 31.5880,
11.2360

 6.8770, 13.7080,
4.8760

 0.0000, 0.0000,

0.0000

■ 133.4380, 51.8530,
12.9170

■ 133.4380, 51.8530,
12.9170

■ 121.8800, 62.3520,
15.3760

■ 144.9960, 41.3540,
10.4580

■ 109.7350, 73.1260,
18.3580

■ 157.1410, 30.5800,
7.4760

■ 98.1770, 83.6250,
20.8170

■ 168.6990, 20.0810,
5.0170

■ 86.0320, 94.3990,
23.7990

■ 180.8440, 9.3070,
2.0350

■ 74.4740, 104.8980,
26.2580

■ 192.5160, -1.5130,
-0.1130

■ 72.9580, 106.4110,
26.3710

■ 204.6610,
-12.2870, -3.0950

■ 216.2190,
-22.7860, -5.5540

■ 228.3640,
-33.5600, -8.5360

■ 235.8640,
-38.1440, -13.5680

Harmonies

Analogous

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



135.2220, 44.1940, 25.0740



133.4380, 51.8530, 12.9170



131.9020, 46.9500, -2.8580

Triad

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



133.4380, 51.8530, 12.9170



119.9720, -30.3010, -29.0610



128.2110, -45.5300, 10.1660

Complementary

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



133.4380, 51.8530, 12.9170



155.5620, -51.8530, -12.9170

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.



105.6010, -100.3150, -15.6990



133.4380, 51.8530, 12.9170



103.0810, -84.9520, -35.3200

Square

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



133.4380, 51.8530, 12.9170



125.8590, 3.8100, -25.0060



106.0280, -94.6280, -25.1560



135.1620, -8.3030, 23.8330

Rectangle

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



133.4380, 51.8530, 12.9170



130.7170, 36.8650, -12.8230



106.0280, -94.6280, -25.1560



123.9810, -59.7420, 3.4100

Sweetspot

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



133.4380, 51.8530, 12.9170



223.9980, 20.6770, 5.2290



135.0410, 29.4270, 44.9070



111.2250, 12.6080, 2.7840



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.4380, 51.8530, 12.9170



158.4970, 79.7280, 19.8560



160.4400, 39.2030, -11.1410



88.2780, 5.0890, 1.3850



60.1560, 88.1180, 21.9900



11.6170, 17.3760, 4.4800

Inverse Universe

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



155.5620, -51.8530, -12.9170



192.5030, -79.7280, -19.8560



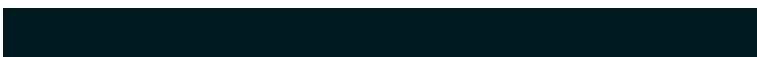
128.5600, -39.2030, 11.1410



90.7220, -5.0890, -1.3850



97.8440, -88.1180, -21.9900



18.7960, -17.1010, -3.9570

Previews

White Background



This preview shows how the YIQ color 133.4380, 51.8530, 12.9170 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 133.4380, 51.8530, 12.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

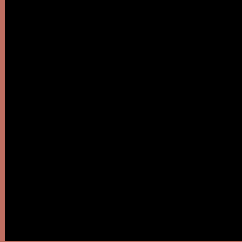
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4380, 51.8530, 12.9170

Background



This preview shows how black text looks on a background with the YIQ color 133.4380, 51.8530, 12.9170.



This preview shows how white text looks on a background with the YIQ color 133.4380, 51.8530,

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

133.4380, 51.8530, 12.9170

Protanopia

132.5420, 12.7930, -6.0790

Deuteranopia

133.2080, 28.4730, -3.9030



Tritanopia

134.0280, 47.4960, 20.2960

Trichromacy



Original Color

133.4380, 51.8530, 12.9170

Protanomaly

132.7720, 27.0050, 0.6770

Deuteranomaly

133.3880, 36.9540, 2.0900

Tritanomaly

133.8170, 49.4680, 17.5960

Monochromacy



Original Color

133.4380, 51.8530, 12.9170

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1010, 18.8890, 4.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4380, 51.8530, 12.9170 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(191, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(191, 111, 98)  
}
```

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(191, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 111, 98) }
```

Border

The CSS property to change the border of an element to YIQ 133.4380, 51.8530, 12.9170 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(191, 111, 98) }
```


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

```
.border{ border-color:rgb(191, 111, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 111, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(191, 111,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4380, 51.8530, 12.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 111, 98) }
```

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

```
.background{ background-color: rgb(191,  
111, 98) }
```

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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