

Converting Colors

YIQ(138.4380, 51.8530, 12.9170)

Have a look what the booklet for
YIQ(138.4380, 51.8530, 12.9170)
contains.

YIQ(138.4380, 51.8530, 12.9170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(138.4380, 51.8530,
12.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	C47467
RGB	196, 116, 103
RGB Percent	77%, 45%, 40%
CMY	0.2312, 0.5452, 0.5959
CMYK	0.00, 0.41, 0.47, 0.23
HSL	8°, 44%, 59%
HSV	8°, 47%, 77%
XYZ	31.4695, 25.2054, 16.0530
YIQ	138.4380, 51.8530, 12.9170

Conversions

Conversions Part 2

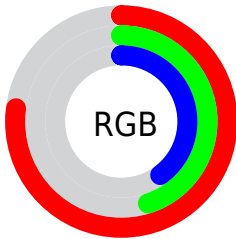
Format	Color
R_{YB}	196, 118, 103
Decimal	12874855
CIE _{Lab}	57.28, 30.06, 20.68
CIE _{LCh}	57, 36.488, 34.524
Yxy	25.2054, 0.4327, 0.3466
Android (android.graphics.Color)	4291064935 (0xFFC47467)
YUV	138.4380, -17.4709, 50.4819
Hunter-Lab	50.2050, 24.0287, 16.1856

Details

The YIQ color **138.4380, 51.8530, 12.9170** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **160.5620, -51.8530, -12.9170**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0040, 56.0710, 13.5670**, and **86.6870, 46.7180, 12.3660** is the 20% darker color. If you saturate the color by 10%, you get **126.1790, 62.9480, 15.5880**, and if you desaturate by 10%, it is **150.6970, 40.7580, 10.2460**.

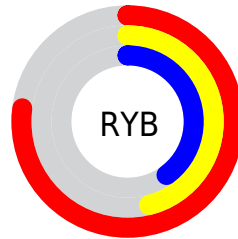
Distribution



Red (77%)

Green (45%)

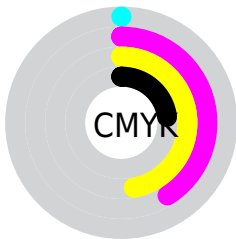
Blue (40%)



Red (77%)

Yellow (46%)

Blue (40%)

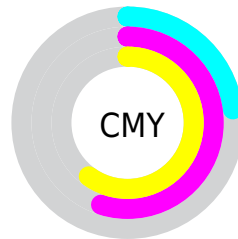


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.4380, 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 138.4380, 51.8530, 12.9170 by changing the saturation by 10% instead.

■ 138.4380, 51.8530,
12.9170

■ 138.4380, 51.8530,
12.9170

255.0000, -0.0000,
-0.0000

■ 112.3560, 49.1480,
12.3800

■ 193.0040, 56.0710,
13.5670

■ 86.6870, 46.7180,
12.3660

■ 211.9310, 39.9790,
7.8430

■ 61.7190, 43.6920,
12.1400

■ 232.1460, 23.0160,
1.3840

■ 37.1640, 40.9410,
12.4370

■ 252.3610, 6.0530,
-5.0750

■ 17.3420, 34.5680,
12.2960

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,

0.0000

■ 138.4380, 51.8530,
12.9170

■ 138.4380, 51.8530,
12.9170

■ 126.1790, 62.9480,
15.5880

■ 150.6970, 40.7580,
10.2460

■ 114.0340, 73.7220,
18.5700

■ 162.8420, 29.9840,
7.2640

■ 101.7750, 84.8170,
21.2410

■ 175.1010, 18.8890,
4.5930

■ 89.6300, 95.5910,
24.2230

■ 186.6590, 8.3900,
2.1340

■ 77.9580, 106.4110,
26.3710

■ 198.9180, -2.7050,
-0.5370

■ 74.4530, 109.3910,
27.4310

■ 211.1770,
-13.8000, -3.2080

■ 223.3220,
-24.5740, -6.1900

■ 235.0110,
-34.0640, -10.4160

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



139.9230, 43.5980, 24.8620



138.4380, 51.8530, 12.9170



136.9020, 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.



138.4380, 51.8530, 12.9170



125.2710, -29.7050, -28.8490



133.2110, -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.



138.4380, 51.8530, 12.9170



160.5620, -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.



113.4770, -94.0340, -13.8900



138.4380, 51.8530, 12.9170



110.3590, -79.8630, -33.9350

Square

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



138.4380, 51.8530, 12.9170



130.8590, 3.8100, -25.0060



109.5330, -97.6080, -26.2160



140.1620, -8.3030, 23.8330

Rectangle

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



138.4380, 51.8530, 12.9170



135.7170, 36.8650, -12.8230



109.5330, -97.6080, -26.2160



129.4650, -58.2290, 3.5230

Sweetspot

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



138.4380, 51.8530, 12.9170



232.6990, 20.0810, 5.0170



140.0410, 29.4270, 44.9070



114.3390, 12.2870, 3.0950



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.



138.4380, 51.8530, 12.9170



165.0950, 80.9200, 20.2800



165.4400, 39.2030, -11.1410



91.1640, 5.4100, 1.0740



61.0530, 89.9060, 22.6260



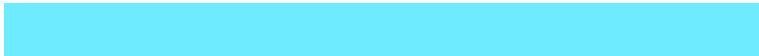
12.8020, 18.2930, 4.3810

Inverse Universe

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



160.5620, -51.8530, -12.9170



199.9050, -80.9200, -20.2800



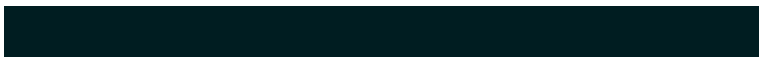
133.5600, -39.2030, 11.1410



93.4230, -5.6850, -1.5970



99.3600, -89.6310, -22.1030



20.7850, -18.5680, -4.9040

Previews

White Background



This preview shows how the YIQ color 138.4380, 51.8530, 12.9170 looks on a white background.

Color Contrast Check

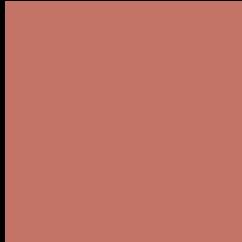
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.4380, 51.8530, 12.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

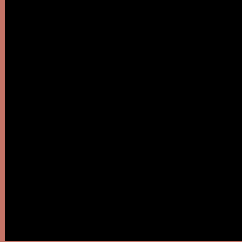
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.4380, 51.8530, 12.9170

Background



This preview shows how black text looks on a background with the YIQ color 138.4380, 51.8530, 12.9170.



This preview shows how white text looks on a background with the YIQ color 138.4380, 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

138.4380, 51.8530, 12.9170

Protanopia

137.5420, 12.7930, -6.0790

Deuteranopia

137.6210, 28.7480, -3.3800



Tritanopia

139.1420, 47.1750, 20.6070

Trichromacy



Original Color

138.4380, 51.8530, 12.9170

Protanomaly

137.7720, 27.0050, 0.6770

Deuteranomaly

137.8010, 37.2290, 2.6130

Tritanomaly

138.9310, 49.1470, 17.9070

Monochromacy



Original Color

138.4380, 51.8530, 12.9170

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1010, 18.8890, 4.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4380, 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(196, 116, 103)` looks like.

```
.text, #text, p{  
    color:rgb(196, 116, 103)  
}
```

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(196, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 116, 103) }
```

Border

The CSS property to change the border of an element to YIQ 138.4380, 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(196, 116, 103) }
```


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

```
.border{ border-color:rgb(196, 116, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 116, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(196, 116,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4380, 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(196, 116, 103) }
```

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

```
.background{ background-color: rgb(196,  
116, 103) }
```

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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