

Converting Colors

YIQ(138.8350, 49.0570, 8.5210)

Have a look what the booklet for
YIQ(138.8350, 49.0570, 8.5210)
contains.

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Color

**YIQ(138.8350, 49.0570,
8.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7863
RGB	191, 120, 99
RGB Percent	75%, 47%, 39%
CMY	0.2508, 0.5295, 0.6115
CMYK	0.00, 0.37, 0.48, 0.25
HSL	14°, 42%, 57%
HSV	14°, 48%, 75%
XYZ	30.4634, 25.4092, 15.1167
YIQ	138.8350, 49.0570, 8.5210

Conversions

Conversions Part 2

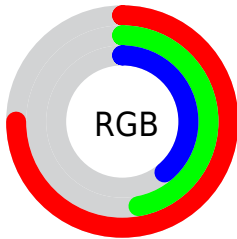
Format	Color
RYB	191, 126, 99
Decimal	12548195
CIELab	57.47, 25.49, 23.11
CIElCh	57, 34.408, 42.205
Yxy	25.4092, 0.4291, 0.3579
Android (android.graphics.Color)	4290738275 (0xFFBF7863)
YUV	138.8350, -19.6387, 45.7487
Hunter-Lab	50.4075, 19.6622, 17.5047

Details

The YIQ color **138.8350, 49.0570, 8.5210** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **151.1650, -49.0570, -8.5210**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4010, 53.2750, 9.1710**, and **87.0840, 43.9220, 7.9700** is the 20% darker color. If you saturate the color by 10%, you get **127.8640, 59.2810, 10.4570**, and if you desaturate by 10%, it is **149.8060, 38.8330, 6.5850**.

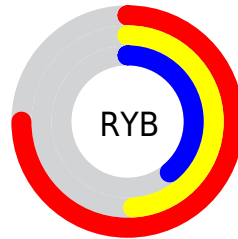
Distribution



Red (75%)

Green (47%)

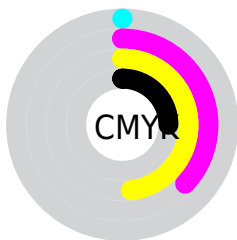
Blue (39%)



Red (75%)

Yellow (49%)

Blue (39%)

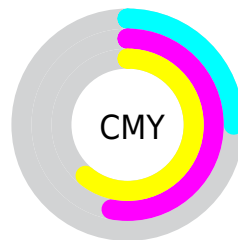


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.8350, 49.0570, 8.5210 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 138.8350, 49.0570, 8.5210 by changing the saturation by 10% instead.


 138.8350, 49.0570,
8.5210


 138.8350, 49.0570,
8.5210


255.0000, -0.0000,
-0.0000


 112.7530, 46.3520,
7.9840


 193.4010, 53.2750,
9.1710

 87.0840, 43.9220,
7.9700


 213.8230, 40.1630,
4.5070


 63.1160, 40.8960,
7.7440

 233.9240, 23.5210,
-2.2630

 38.9200, 38.5120,
6.8960

 252.3780, 7.3830,
-7.1530

 17.3200, 31.6340,
10.4020

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,

0.0000

■ 138.8350, 49.0570,
8.5210

■ 138.8350, 49.0570,
8.5210

■ 127.8640, 59.2810,
10.4570

■ 149.8060, 38.8330,
6.5850

■ 116.8930, 69.5050,
12.3930

■ 160.1900, 28.8840,
5.1720

■ 106.5090, 79.4540,
13.8060

■ 171.1610, 18.6600,
3.2360

■ 95.5380, 89.6780,
15.7420

■ 182.1320, 8.4360,
1.3000

■ 84.5670, 99.9020,
17.6780

■ 193.2170, -2.1090,
-0.3250

■ 82.3500, 102.0110,
18.0030

■ 204.1880,
-12.3330, -2.2610

■ 214.5720,
-22.2820, -3.6740

■ 225.5430,
-32.5060, -5.6100

■ 234.6900,
-37.5940, -12.5220

Harmonies

Analogous

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



140.0000, 44.6990, 21.4270



138.8350, 49.0570, 8.5210



137.2710, 41.3570, -6.1230

Triad

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



138.8350, 49.0570, 8.5210



125.2040, -36.7660, -27.5340



136.9630, -32.9680, 13.7840

Complementary

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



138.8350, 49.0570, 8.5210



151.1650, -49.0570, -8.5210

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.



124.9750, -68.7730, -3.6290



138.8350, 49.0570, 8.5210



112.2820, -80.9640, -30.5000

Square

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



138.8350, 49.0570, 8.5210



130.8520, -3.4800, -25.0480



109.4020, -98.6170, -24.4490



141.7670, 0.1790, 24.2990

Rectangle

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



138.8350, 49.0570, 8.5210



135.5420, 29.9880, -14.8440



109.4020, -98.6170, -24.4490



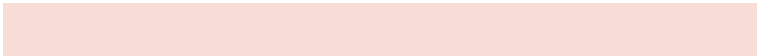
133.7550, -44.2460, 8.9220

Sweetspot

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



138.8350, 49.0570, 8.5210



227.8620, 18.0640, 3.0240



134.7160, 31.7200, 41.8960



113.2140, 11.1410, 1.8370



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.



138.8350, 49.0570, 8.5210



166.1280, 76.1530, 13.0570



165.2500, 36.6820, -15.0140



88.8650, 4.8140, 0.8620



68.3740, 84.2680, 14.6680



13.3780, 16.5510, 2.9110

Inverse Universe

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



151.1650, -49.0570, -8.5210



185.4590, -76.4280, -13.5800



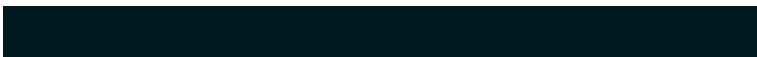
124.7500, -36.6820, 15.0140



90.1350, -4.8140, -0.8620



89.6260, -84.2680, -14.6680



17.6220, -16.5510, -2.9110

Previews

White Background



This preview shows how the YIQ color 138.8350, 49.0570, 8.5210 looks on a white background.

Color Contrast Check

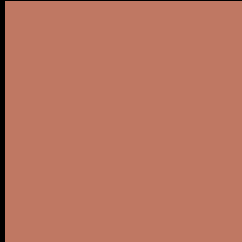
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8350, 49.0570, 8.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

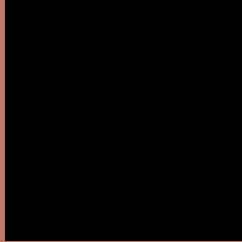
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.8350, 49.0570, 8.5210

Background



This preview shows how black text looks on a background with the YIQ color 138.8350, 49.0570, 8.5210.



This preview shows how white text looks on a background with the YIQ color 138.8350, 49.0570,

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

138.8350, 49.0570, 8.5210

Protanopia

137.4560, 15.9110, -7.5210

Deuteranopia

138.4640, 30.6280, -4.4120



Tritanopia

140.0490, 43.0030, 19.1230

Trichromacy



Original Color

138.8350, 49.0570, 8.5210

Protanomaly

137.7890, 28.3350, -1.4010

Deuteranomaly

138.3340, 37.0460, 0.4220

Tritanomaly

139.3110, 45.0210, 15.5890

Monochromacy



Original Color

138.8350, 49.0570, 8.5210

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8620, 18.0640, 3.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8350, 49.0570, 8.5210 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, 120, 99)` looks like.

```
.text, #text, p{  
    color:rgb(191, 120, 99)  
}
```

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, 120, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 120, 99) }
```

Border

The CSS property to change the border of an element to YIQ 138.8350, 49.0570, 8.5210 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, 120, 99) }
```


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

```
.border{ border-color:rgb(191, 120, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 120, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 120, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 120, 99);  
box-shadow:4px 4px 4px 4px rgb(191, 120,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8350, 49.0570, 8.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 120, 99) }
```

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

```
.background{ background-color: rgb(191,  
120, 99) }
```

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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