

Converting Colors

YIQ(129.8350, 49.0570, 8.5210)

Have a look what the booklet for
YIQ(129.8350, 49.0570, 8.5210)
contains.

YIQ(129.8350, 49.0570, 8.5210)	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(129.8350, 49.0570,
8.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	B66F5A
RGB	182, 111, 90
RGB Percent	71%, 44%, 35%
CMY	0.2861, 0.5648, 0.6468
CMYK	0.00, 0.39, 0.51, 0.29
HSL	14°, 39%, 53%
HSV	14°, 51%, 71%
XYZ	26.8297, 22.0514, 12.5271
YIQ	129.8350, 49.0570, 8.5210

Conversions

Conversions Part 2

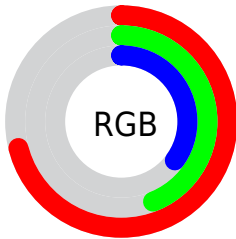
Format	Color
RYB	182, 117, 90
Decimal	11956058
CIELab	54.08, 25.92, 23.56
CIElCh	54, 35.022, 42.270
Yxy	22.0514, 0.4369, 0.3591
Android (android.graphics.Color)	4290146138 (0xFFB66F5A)
YUV	129.8350, -19.6387, 45.7487
Hunter-Lab	46.9589, 19.8070, 17.0546

Details

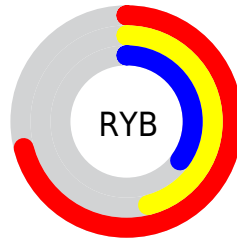
The YIQ color **129.8350, 49.0570, 8.5210** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **142.1650, -49.0570, -8.5210**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.7000, 53.8710, 9.3830**, and **79.0840, 43.9220, 7.9700** is the 20% darker color. If you saturate the color by 10%, you get **119.5650, 58.6850, 10.2450**, and if you desaturate by 10%, it is **140.1050, 39.4290, 6.7970**.

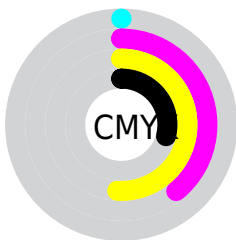
Distribution



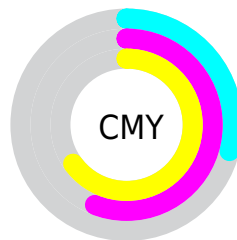
- Red (71%)
- Green (44%)
- Blue (35%)



- Red (71%)
- Yellow (46%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (51%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.8350, 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 129.8350, 49.0570, 8.5210 by changing the saturation by 10% instead.


 129.8350, 49.0570,
8.5210

 129.8350, 49.0570,
8.5210


255.0000, -0.0000,
-0.0000


 104.0520, 46.9480,
8.1960


 183.7000, 53.8710,
9.3830


 79.0840, 43.9220,
7.9700


 207.4000, 45.8480,
6.1040

 54.8170, 40.3000,
7.5320


 226.9140, 29.4810,
-0.1430

 31.2190, 39.1080,
7.1080

 246.5420, 12.7930,
-6.0790

 14.0530, 28.0120,
9.9640

 254.5440, 1.2840,
-1.2440

 0.2990, 0.5960,
0.2120

 0.0000, 0.0000,

0.0000

■ 129.8350, 49.0570,
8.5210

■ 129.8350, 49.0570,
8.5210

■ 119.5650, 58.6850,
10.2450

■ 140.1050, 39.4290,
6.7970

■ 109.2950, 68.3130,
11.9690

■ 150.3750, 29.8010,
5.0730

■ 98.9110, 78.2620,
13.3820

■ 160.7590, 19.8520,
3.6600

■ 88.6410, 87.8900,
15.1060

■ 171.0290, 10.2240,
1.9360

■ 78.4850, 97.1970,
17.1410

■ 181.2990, 0.5960,
0.2120

■ 191.5690, -9.0320,
-1.5120

■ 201.8390,
-18.6600, -3.2360

■ 212.2230,
-28.6090, -4.6490

■ 223.0800,
-38.5120, -6.8960

Harmonies

Analogous

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



131.0000, 44.6990, 21.4270



129.8350, 49.0570, 8.5210



128.2710, 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.



129.8350, 49.0570, 8.5210



115.6060, -37.9580, -27.9580



127.6640, -33.5640, 13.5720

Complementary

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



129.8350, 49.0570, 8.5210



142.1650, -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.



113.8820, -72.9450, -5.1130



129.8350, 49.0570, 8.5210



101.1890, -85.1360, -31.9840

Square

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



129.8350, 49.0570, 8.5210



121.8520, -3.4800, -25.0480



103.2070, -93.5740, -22.2300



132.7670, 0.1790, 24.2990

Rectangle

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



129.8350, 49.0570, 8.5210



126.5420, 29.9880, -14.8440



103.2070, -93.5740, -22.2300



124.7440, -45.7130, 7.9750

Sweetspot

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



129.8350, 49.0570, 8.5210



217.1610, 18.6600, 3.2360



125.7160, 31.7200, 41.8960



107.5130, 11.7370, 2.0490



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



129.8350, 49.0570, 8.5210



154.7260, 77.3450, 13.4810



156.2500, 36.6820, -15.0140



86.8650, 4.8140, 0.8620



67.1890, 83.3510, 14.7670



11.8940, 15.0380, 2.7980

Inverse Universe

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



142.1650, -49.0570, -8.5210



174.2740, -77.3450, -13.4810



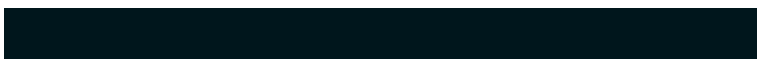
115.7500, -36.6820, 15.0140



88.1350, -4.8140, -0.8620



88.2240, -83.0760, -14.2440



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 129.8350, 49.0570, 8.5210 looks on a white background.

Color Contrast Check

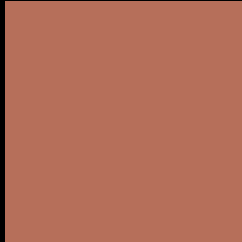
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8350, 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 129.8350, 49.0570, 8.5210

Background



This preview shows how black text looks on a background with the YIQ color 129.8350, 49.0570, 8.5210.



This preview shows how white text looks on a background with the YIQ color 129.8350, 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

129.8350, 49.0570, 8.5210

Protanopia

129.0430, 15.6360, -8.0440

Deuteranopia

129.1650, 30.0320, -4.6240



Tritanopia

130.9350, 43.3240, 18.8120

Trichromacy



Original Color

129.8350, 49.0570, 8.5210

Protanomaly

129.3760, 28.0600, -1.9240

Deuteranomaly

129.3340, 37.0460, 0.4220

Tritanomaly

130.1970, 45.3420, 15.2780

Monochromacy



Original Color

129.8350, 49.0570, 8.5210

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8620, 18.0640, 3.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8350, 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(182, 111, 90)` looks like.

```
.text, #text, p{  
    color:rgb(182, 111, 90)  
}
```

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(182, 111, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 111, 90) }
```

Border

The CSS property to change the border of an element to YIQ 129.8350, 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(182, 111, 90) }
```


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

```
.border{ border-color:rgb(182, 111, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 111, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(182, 111,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8350, 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(182, 111, 90) }
```

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

```
.background{ background-color: rgb(182,  
111, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor