

Converting Colors

YIQ(129.3560, 49.1480, 12.3800)

Have a look what the booklet for
YIQ(129.3560, 49.1480, 12.3800)
contains.

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Color

**YIQ(129.3560, 49.1480,
12.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	B86C60
RGB	184, 108, 96
RGB Percent	72%, 42%, 38%
CMY	0.2783, 0.5766, 0.6233
CMYK	0.00, 0.41, 0.48, 0.28
HSL	8°, 38%, 55%
HSV	8°, 48%, 72%
XYZ	27.2507, 21.7597, 13.8427
YIQ	129.3560, 49.1480, 12.3800

Conversions

Conversions Part 2

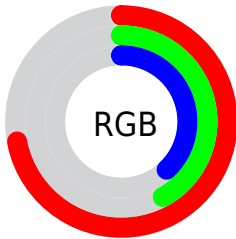
Format	Color
RYB	184, 110, 96
Decimal	12086368
CIELab	53.77, 28.96, 19.73
CIELCh	54, 35.042, 34.264
Yxy	21.7597, 0.4336, 0.3462
Android (android.graphics.Color)	4290276448 (0xFFB86C60)
YUV	129.3560, -16.4445, 47.9228
Hunter-Lab	46.6473, 22.6444, 15.0586

Details

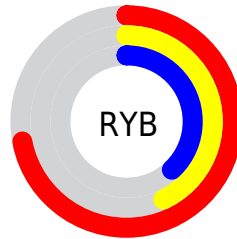
The YIQ color **129.3560, 49.1480, 12.3800** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **150.6440, -49.1480, -12.3800**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3350, 53.6410, 13.5530**, and **78.6050, 44.0130, 11.8290** is the 20% darker color. If you saturate the color by 10%, you get **117.9120, 59.3260, 15.1500**, and if you desaturate by 10%, it is **140.8000, 38.9700, 9.6100**.

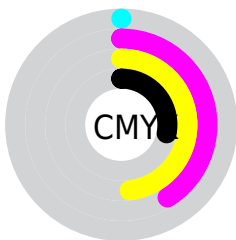
Distribution



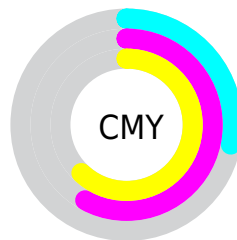
- Red (72%)
- Green (42%)
- Blue (38%)



- Red (72%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (48%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.3560, 49.1480, 12.3800 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 129.3560, 49.1480, 12.3800 by changing the saturation by 10% instead.


 129.3560, 49.1480,
12.3800


 129.3560, 49.1480,
12.3800


255.0000, -0.0000,
-0.0000


 103.5730, 47.0390,
12.0550


 183.3350, 53.6410,
13.5530


 78.6050, 44.0130,
11.8290


 206.3230, 44.7470,
9.5390


 53.7510, 40.6660,
11.9140

 225.9510, 28.0590,
3.6030

 28.4520, 40.0700,
11.7020

 245.5790, 11.3710,
-2.3330

 14.6510, 29.2040,
10.3880

 1.7940, 3.5760,
1.2720

 0.0000, 0.0000,

0.0000

■ 129.3560, 49.1480,
12.3800

■ 129.3560, 49.1480,
12.3800

■ 117.9120, 59.3260,
15.1500

■ 140.8000, 38.9700,
9.6100

■ 106.3540, 69.8250,
17.6090

■ 152.3580, 28.4710,
7.1510

■ 94.9100, 80.0030,
20.3790

■ 163.8020, 18.2930,
4.3810

■ 83.3520, 90.5020,
22.8380

■ 175.3600, 7.7940,
1.9220

■ 71.9080, 100.6800,
25.6080

■ 186.8040, -2.3840,
-0.8480

■ 69.6910, 102.7890,
25.9330

■ 197.6610,
-12.2870, -3.0950

■ 209.2190,
-22.7860, -5.5540

■ 220.6630,
-32.9640, -8.3240

■ 231.4230,
-41.2160, -12.9600

Harmonies

Analogous

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



130.6130, 41.5350, 23.7030



129.3560, 49.1480, 12.3800



128.3470, 44.1990, -2.5610

Triad

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



129.3560, 49.1480, 12.3800



116.6950, -27.9630, -27.3790



124.3530, -43.0540, 9.3460

Complementary

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



129.3560, 49.1480, 12.3800



150.6440, -49.1480, -12.3800

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.



103.8360, -93.6670, -15.0350



129.3560, 49.1480, 12.3800



101.6690, -77.8000, -32.7760

Square

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



129.3560, 49.1480, 12.3800



122.6850, 4.3600, -23.9600



102.4090, -91.3270, -24.4070



131.1080, -8.2110, 22.1650

Rectangle

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



129.3560, 49.1480, 12.3800



126.8740, 34.9850, -11.7910



102.4090, -91.3270, -24.4070



120.1340, -55.7990, 3.5370

Sweetspot

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



129.3560, 49.1480, 12.3800



219.1010, 18.8890, 4.5930



130.9760, 28.0520, 42.2920



107.0400, 11.6910, 2.8830



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.



129.3560, 49.1480, 12.3800



155.1160, 76.4270, 19.1070



155.1840, 37.0480, -10.6320



86.2780, 5.0890, 1.3850



58.9710, 87.2010, 22.0890



10.7200, 15.5880, 3.8440

Inverse Universe

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



150.6440, -49.1480, -12.3800



187.8840, -76.4270, -19.1070



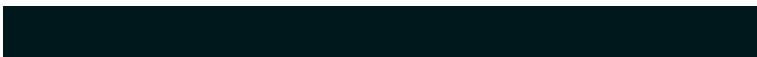
124.8160, -37.0480, 10.6320



88.7220, -5.0890, -1.3850



96.4420, -86.9260, -21.5660



17.2800, -15.5880, -3.8440

Previews

White Background



This preview shows how the YIQ color 129.3560, 49.1480, 12.3800 looks on a white background.

Color Contrast Check

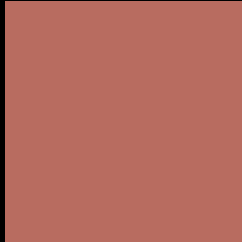
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3560, 49.1480, 12.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

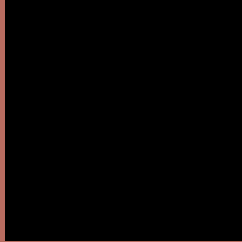
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.3560, 49.1480, 12.3800

Background



This preview shows how black text looks on a background with the YIQ color 129.3560, 49.1480, 12.3800.



This preview shows how white text looks on a background with the YIQ color 129.3560, 49.1480,

12.3800.

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

129.3560, 49.1480, 12.3800

Protanopia

128.4710, 11.5550, -5.6690

Deuteranopia

129.1370, 27.2350, -3.4930



Tritanopia

129.8320, 45.1120, 19.4480

Trichromacy



Original Color

129.3560, 49.1480, 12.3800

Protanomaly

128.4020, 25.1710, 0.8750

Deuteranomaly

129.0180, 35.1200, 2.2880

Tritanomaly

129.7350, 46.7630, 17.0590

Monochromacy



Original Color

129.3560, 49.1480, 12.3800

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9160, 17.9720, 4.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3560, 49.1480, 12.3800 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(184, 108, 96)` looks like.

```
.text, #text, p{  
    color:rgb(184, 108, 96)  
}
```

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(184, 108, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 108, 96) }
```

Border

The CSS property to change the border of an element to YIQ 129.3560, 49.1480, 12.3800 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(184, 108, 96) }
```


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

```
.border{ border-color:rgb(184, 108, 96) }
```

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

Here you see how a box with a 4 pixel rgb(184, 108, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(184, 108,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3560, 49.1480, 12.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 108, 96) }
```

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

```
.background{ background-color: rgb(184,  
108, 96) }
```

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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