

Converting Colors

YIQ(129.5910, 55.7960, 13.0440)

Have a look what the booklet for
YIQ(129.5910, 55.7960, 13.0440)
contains.

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Color

**YIQ(129.5910, 55.7960,
13.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6A5A
RGB	191, 106, 90
RGB Percent	75%, 42%, 35%
CMY	0.2508, 0.5844, 0.6468
CMYK	0.00, 0.45, 0.53, 0.25
HSL	9°, 44%, 55%
HSV	9°, 53%, 75%
XYZ	28.4965, 22.1226, 12.4543
YIQ	129.5910, 55.7960, 13.0440

Conversions

Conversions Part 2

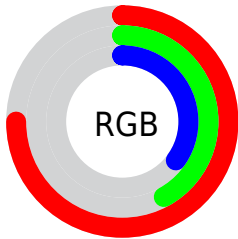
Format	Color
RYB	191, 109, 90
Decimal	12544602
CIELab	54.16, 32.25, 23.88
CIELCh	54, 40.124, 36.516
Yxy	22.1226, 0.4518, 0.3507
Android (android.graphics.Color)	4290734682 (0xFFBF6A5A)
YUV	129.5910, -19.5184, 53.8557
Hunter-Lab	47.0347, 25.8357, 17.2249

Details

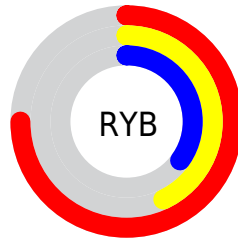
The YIQ color **129.5910, 55.7960, 13.0440** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **151.4090, -55.7960, -13.0440**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.0430, 60.3350, 13.3830**, and **77.9540, 50.3400, 12.8040** is the 20% darker color. If you saturate the color by 10%, you get **118.0330, 66.2950, 15.5030**, and if you desaturate by 10%, it is **141.1490, 45.2970, 10.5850**.

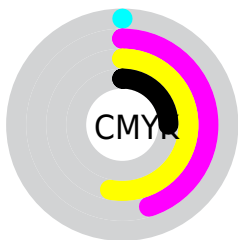
Distribution



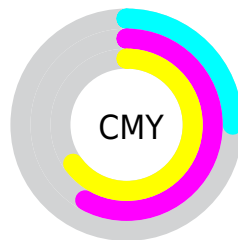
- Red (75%)
- Green (42%)
- Blue (35%)



- Red (75%)
- Yellow (43%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (25%)



- Cyan (25%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5910, 55.7960, 13.0440 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 129.5910, 55.7960, 13.0440 by changing the saturation by 10% instead.

■ 129.5910, 55.7960,
13.0440

■ 129.5910, 55.7960,
13.0440

■ 255.0000, -0.0000,
-0.0000

■ 103.5090, 53.0910,
12.5070

■ 184.3420, 60.9310,
13.5950

■ 77.9540, 50.3400,
12.8040

■ 204.4650, 47.2230,
8.7190

■ 53.1000, 46.9930,
12.8890

■ 223.9790, 30.8560,
2.4720

■ 26.5560, 45.7090,
14.1330

■ 244.1940, 13.8930,
-3.9870

■ 15.5480, 30.9920,
11.0240

■ 254.5440, 1.2840,
-1.2440

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,

0.0000

■ 129.5910, 55.7960,
13.0440

■ 129.5910, 55.7960,
13.0440

■ 118.0330, 66.2950,
15.5030

■ 141.1490, 45.2970,
10.5850

■ 106.4750, 76.7940,
17.9620

■ 152.7070, 34.7980,
8.1260

■ 94.9170, 87.2930,
20.4210

■ 164.2650, 24.2990,
5.6670

■ 83.3590, 97.7920,
22.8800

■ 175.8230, 13.8000,
3.2080

■ 74.7190, 105.5860,
24.8020

■ 187.4950, 2.9800,
1.0600

■ 199.6400, -7.7940,
-1.9220

■ 211.1980,
-18.2930, -4.3810

■ 222.7560,
-28.7920, -6.8400

■ 233.5160,
-37.0440, -11.4760

Harmonies

Analogous

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



130.7280, 48.6410, 27.0810



129.5910, 55.7960, 13.0440



128.2180, 48.8760, -4.7240

Triad

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



129.5910, 55.7960, 13.0440



114.2700, -37.1320, -31.9160



124.8840, -48.9230, 11.0850

Complementary

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



129.5910, 55.7960, 13.0440



151.4090, -55.7960, -13.0440

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.



104.0680, -100.1320, -13.5080



129.5910, 55.7960, 13.0440



101.7930, -84.0810, -34.5850

Square

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



129.5910, 55.7960, 13.0440



121.4950, 1.8390, -27.8330



105.0820, -94.7200, -23.4880



132.2270, -6.9280, 26.4480

Rectangle

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



129.5910, 55.7960, 13.0440



126.7340, 38.1950, -14.9010



105.0820, -94.7200, -23.4880



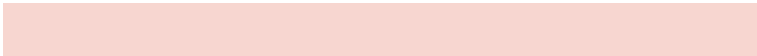
118.5720, -65.8400, 3.7920

Sweetspot

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



129.5910, 55.7960, 13.0440



223.1830, 21.5940, 5.1300



130.0030, 32.5900, 48.1580



110.5240, 13.2040, 2.9960



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.



129.5910, 55.7960, 13.0440



152.4330, 85.7800, 20.3080



158.9410, 42.0460, -13.1060



88.2780, 5.0890, 1.3850



61.9170, 87.2930, 20.4210



12.2040, 17.1010, 3.9570

Inverse Universe

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



151.4090, -55.7960, -13.0440



186.5670, -85.7800, -20.3080



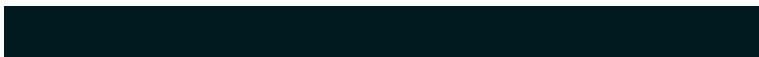
122.0590, -42.0460, 13.1060



90.7220, -5.0890, -1.3850



96.0830, -87.2930, -20.4210



18.7960, -17.1010, -3.9570

Previews

White Background



This preview shows how the YIQ color 129.5910, 55.7960, 13.0440 looks on a white background.

Color Contrast Check

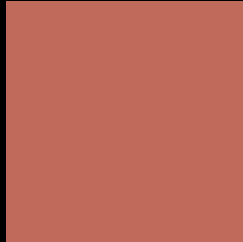
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5910, 55.7960, 13.0440 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 129.5910, 55.7960, 13.0440

Background



This preview shows how black text looks on a background with the YIQ color 129.5910, 55.7960, 13.0440.



This preview shows how white text looks on a background with the YIQ color 129.5910, 55.7960,

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

129.5910, 55.7960, 13.0440

Protanopia

129.2710, 14.9940, -7.4220

Deuteranopia

129.3500, 30.9490, -4.7230



Tritanopia

130.4090, 50.7970, 21.0450

Trichromacy



Original Color

129.5910, 55.7960, 13.0440

Protanomaly

129.2130, 30.0770, 0.0690

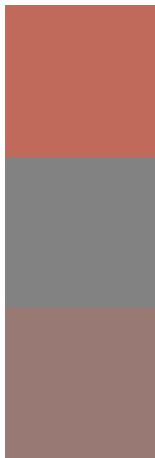
Deuteranomaly

129.2420, 40.3010, 2.0050

Tritanomaly

130.1980, 52.7690, 18.3450

Monochromacy



Original Color

129.5910, 55.7960, 13.0440

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.5850, 20.4020, 4.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5910, 55.7960, 13.0440 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, 106, 90)` looks like.

```
.text, #text, p{  
    color:rgb(191, 106, 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(191, 106, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 106, 90) }
```

Border

The CSS property to change the border of an element to YIQ 129.5910, 55.7960, 13.0440 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, 106, 90) }
```


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

```
.border{ border-color:rgb(191, 106, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 106, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 106, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 106, 90);  
box-shadow:4px 4px 4px 4px rgb(191, 106,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5910, 55.7960, 13.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 106, 90) }
```

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

```
.background{ background-color: rgb(191,  
106, 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](#).

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