

Converting Colors

YIQ(129.7480, 71.1110, 5.3110)

Have a look what the booklet for
YIQ(129.7480, 71.1110, 5.3110)
contains.

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Color

**YIQ(129.7480, 71.1110,
5.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	C96B3C
RGB	201, 107, 60
RGB Percent	79%, 42%, 24%
CMY	0.2116, 0.5805, 0.7644
CMYK	0.00, 0.47, 0.70, 0.21
HSL	20°, 57%, 51%
HSV	20°, 70%, 79%
XYZ	30.1720, 23.2586, 7.1854
YIQ	129.7480, 71.1110, 5.3110

Conversions

Conversions Part 2

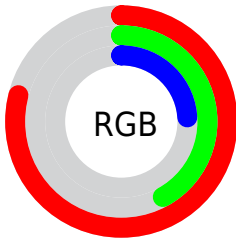
Format	Color
R_{YB}	201, 131, 60
Decimal	13200188
CIE _{Lab}	55.34, 33.59, 42.17
CIE _{LCh}	55, 53.918, 51.463
Yxy	23.2586, 0.4978, 0.3837
Android (android.graphics.Color)	4291390268 (0xFFC96B3C)
YUV	129.7480, -34.3858, 62.4880
Hunter-Lab	48.2272, 27.2762, 24.9254

Details

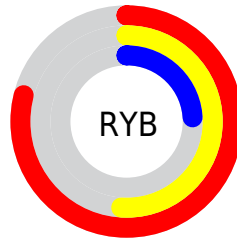
The YIQ color **129.7480, 71.1110, 5.3110** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **131.2520, -71.1110, -5.3110**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5910, 72.9910, 4.2790**, and **76.9860, 64.5090, 3.8130** is the 20% darker color. If you saturate the color by 10%, you get **119.8370, 81.1060, 5.8900**, and if you desaturate by 10%, it is **139.6590, 61.1160, 4.7320**.

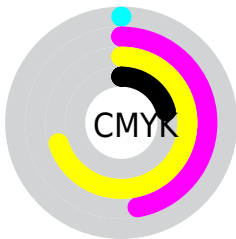
Distribution



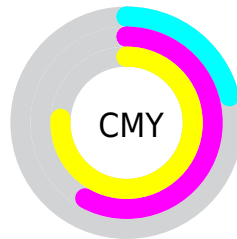
- Red (79%)
- Green (42%)
- Blue (24%)



- Red (79%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (70%)
- Black (21%)




- Cyan (21%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.7480, 71.1110, 5.3110 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 129.7480, 71.1110, 5.3110 by changing the saturation by 10% instead.


 129.7480, 71.1110,
5.3110


 129.7480, 71.1110,
5.3110


255.0000, -0.0000,
-0.0000


 103.3670, 67.8100,
4.5620


 182.5910, 72.9910,
4.2790


 76.9860, 64.5090,
3.8130


 201.4040, 57.2200,
-1.7560


 53.1580, 58.2730,
6.6970


 220.9180, 40.8530,
-8.0030

 28.0510, 48.6890,
15.1930

 241.0190, 24.2110,
-14.7730

 16.7440, 33.3760,
11.8720

 250.6680, 12.1980,
-11.8180

 8.1870, 15.7710,
6.0350

 253.9740, 2.8890,

 0.0000, 0.0000,

-2.7990

0.0000

■ 129.7480, 71.1110,
5.3110

■ 129.7480, 71.1110,
5.3110

■ 119.8370, 81.1060,
5.8900

■ 139.6590, 61.1160,
4.7320

■ 109.3390, 91.3760,
6.9920

■ 150.1570, 50.8460,
3.6300

■ 99.4280, 101.3710,
7.5710

■ 160.0680, 40.8510,
3.0510

■ 170.6800, 30.2600,
2.2600

■ 180.5910, 20.2650,
1.6810

■ 190.5020, 10.2700,
1.1020

■ 201.0000, -0.0000,
0.0000

■ 210.9110, -9.9950,
-0.5790

■ 221.4090,
-20.2650, -1.6810

Harmonies

Analogous

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



129.8140, 71.8860, 29.8220



129.7480, 71.1110, 5.3110



127.2550, 55.4810, -19.8070

Triad

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



129.7480, 71.1110, 5.3110



103.7360, -79.9070, -44.1550



131.6330, -40.3060, 25.6300

Complementary

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



129.7480, 71.1110, 5.3110



131.2520, -71.1110, -5.3110

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.



109.0040, -111.2750, -4.2910



129.7480, 71.1110, 5.3110



109.7950, -95.5900, -29.7500

Square

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



129.7480, 71.1110, 5.3110



115.2910, -24.4300, -41.8540



112.0070, -107.3300, -15.2180



136.6200, 14.4350, 41.2750

Rectangle

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



129.7480, 71.1110, 5.3110



125.1120, 36.4100, -32.1180



112.0070, -107.3300, -15.2180



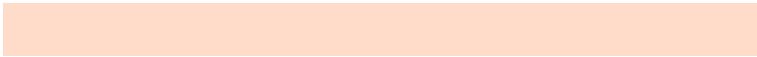
124.8470, -64.6960, 16.1040

Sweetspot

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



129.7480, 71.1110, 5.3110



227.7120, 27.2340, 2.0340



113.1030, 53.2200, 59.7480



111.4380, 16.3220, 1.5540



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.



129.7480, 71.1110, 5.3110



146.6630, 108.0190, 8.2350



169.6640, 52.4110, -30.2530



94.4520, 4.5390, 0.3390



80.4350, 82.2980, 6.3140



17.8080, 18.1560, 1.3560

Inverse Universe

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



131.2520, -71.1110, -5.3110



149.3370, -108.0190, -8.2350



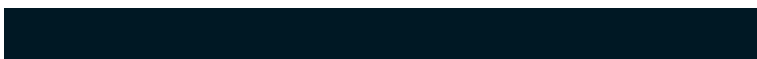
91.3360, -52.4110, 30.2530



94.5480, -4.5390, -0.3390



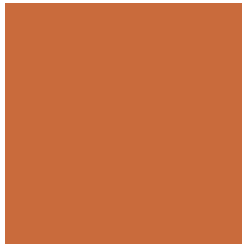
82.5650, -82.2980, -6.3140



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 129.7480, 71.1110, 5.3110 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 129.7480, 71.1110, 5.3110 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 129.7480, 71.1110, 5.3110

Background



This preview shows how black text looks on a background with the YIQ color 129.7480, 71.1110, 5.3110.



This preview shows how white text looks on a background with the YIQ color 129.7480, 71.1110,

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

129.7480, 71.1110, 5.3110

Protanopia

129.7760, 29.2090, -17.2470

Deuteranopia

129.5670, 46.0350, -13.8130



Tritanopia

132.5950, 59.1410, 24.0130

Trichromacy



Original Color

129.7480, 71.1110, 5.3110

Protanomaly

130.1310, 44.5670, -9.2330

Deuteranomaly

129.5730, 55.0660, -6.7740

Tritanomaly

131.5320, 63.4520, 17.4680

Monochromacy



Original Color

129.7480, 71.1110, 5.3110

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2280, 25.7210, 1.9210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7480, 71.1110, 5.3110 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(201, 107, 60)` looks like.

```
.text, #text, p{  
    color:rgb(201, 107, 60)  
}
```

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(201, 107, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 107, 60) }
```

Border

The CSS property to change the border of an element to YIQ 129.7480, 71.1110, 5.3110 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(201, 107, 60) }
```


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

```
.border{ border-color:rgb(201, 107, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 107, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 107, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 107, 60);  
box-shadow:4px 4px 4px 4px rgb(201, 107,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7480, 71.1110, 5.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 107, 60) }
```

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

```
.background{ background-color: rgb(201,  
107, 60) }
```

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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