

# Converting Colors

YIQ(130.8300, 56.6210, 14.6130)

Have a look what the booklet for  
YIQ(130.8300, 56.6210, 14.6130)  
contains.

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# Color

**YIQ(130.8300, 56.6210,  
14.6130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C26A5D
RGB	194, 106, 93
RGB Percent	76%, 42%, 36%
CMY	0.2390, 0.5844, 0.6351
CMYK	0.00, 0.45, 0.52, 0.24
HSL	8°, 45%, 56%
HSV	8°, 52%, 76%
XYZ	29.3900, 22.5679, 13.1769
YIQ	130.8300, 56.6210, 14.6130

# Conversions

## Conversions Part 2

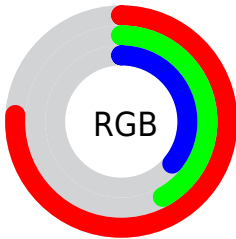
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 108, 93
Decimal	12741213
CIELab	54.62, 33.69, 22.84
CIELCh	55, 40.705, 34.132
Yxy	22.5679, 0.4512, 0.3465
Android (android.graphics.Color)	4290931293 (0xFFC26A5D)
YUV	130.8300, -18.6502, 55.4001
Hunter-Lab	47.5057, 27.2961, 16.8085

# Details

The YIQ color **130.8300, 56.6210, 14.6130** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **156.1700, -56.6210, -14.6130**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.5810, 61.7560, 15.1640**, and **78.8940, 50.5690, 14.1610** is the 20% darker color. If you saturate the color by 10%, you get **118.6850, 67.3950, 17.5950**, and if you desaturate by 10%, it is **142.9750, 45.8470, 11.6310**.

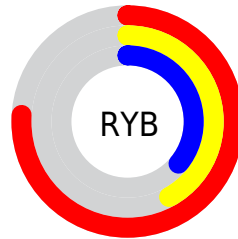
# Distribution



Red (76%)

Green (42%)

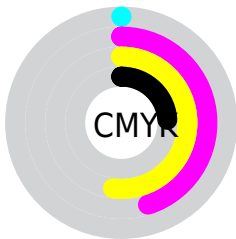
Blue (36%)



Red (76%)

Yellow (42%)

Blue (36%)

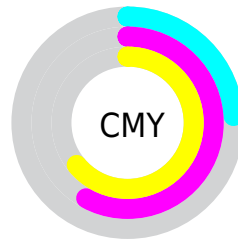


Cyan (0%)

Magenta (45%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.8300, 56.6210, 14.6130 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 130.8300, 56.6210, 14.6130 by changing the saturation by 10% instead.





 130.8300, 56.6210,  
14.6130


 130.8300, 56.6210,  
14.6130


255.0000, -0.0000,  
-0.0000


 104.7480, 53.9160,  
14.0760


 185.5810, 61.7560,  
15.1640


 78.8940, 50.5690,  
14.1610


 204.8070, 46.2600,  
9.6520

 54.0400, 47.2220,  
14.2460


 224.3210, 29.8930,  
3.4050

 26.5670, 47.1760,  
15.0800

 244.5360, 12.9300,  
-3.0540

 16.1460, 32.1840,  
11.4480

254.8860, 0.3210,  
-0.3110

 6.8770, 13.7080,  
4.8760

 0.0000, 0.0000,

0.0000

■ 130.8300, 56.6210,  
14.6130

■ 130.8300, 56.6210,  
14.6130

■ 118.6850, 67.3950,  
17.5950

■ 142.9750, 45.8470,  
11.6310

■ 106.4260, 78.4900,  
20.2660

■ 155.2340, 34.7520,  
8.9600

■ 94.2810, 89.2640,  
23.2480

■ 167.3790, 23.9780,  
5.9780

■ 82.0220, 100.3590,  
25.9190

■ 179.6380, 12.8830,  
3.3070

■ 72.6810, 108.7490,  
28.0530

■ 191.7830, 2.1090,  
0.3250

■ 203.9280, -8.6650,  
-2.6570

■ 215.6000,  
-19.4850, -4.8050

■ 227.7450,  
-30.2590, -7.7870

■ 236.7610,  
-36.3560, -12.9320

# Harmonies

## Analogous

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



132.3690, 48.2740, 28.2260



130.8300, 56.6210, 14.6130



129.5280, 50.9390, -3.5650

# Triad

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



130.8300, 56.6210, 14.6130



115.8250, -34.3810, -32.2130



124.6060, -54.0120, 9.7000

# Complementary

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



130.8300, 56.6210, 14.6130



156.1700, -56.6210, -14.6130

# 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.



105.3560, -101.0030, -14.2430



130.8300, 56.6210, 14.6130



102.8530, -84.3100, -35.9420

# Square

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



130.8300, 56.6210, 14.6130



123.0500, 4.5900, -28.1300



106.1420, -94.9490, -24.8450



133.8460, -10.2290, 25.6990



# Rectangle

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



130.8300, 56.6210, 14.6130



127.9300, 40.5790, -14.0530



106.1420, -94.9490, -24.8450



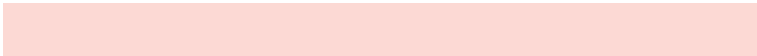
117.2830, -72.3960, 1.4600

# Sweetspot

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



130.8300, 56.6210, 14.6130



226.8950, 22.4650, 5.8650



133.3450, 31.6270, 49.0910



112.2360, 14.0750, 3.7310



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.



130.8300, 56.6210, 14.6130



154.3840, 87.4760, 22.6120



159.5930, 43.1460, -11.0140



90.5770, 5.6850, 1.5970



60.4660, 90.1810, 23.1490



12.2150, 18.5680, 4.9040



# Inverse Universe

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



156.1700, -56.6210, -14.6130



193.6160, -87.4760, -22.6120



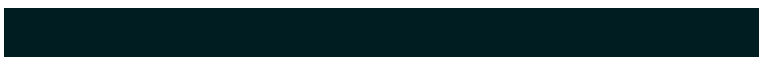
127.4070, -43.1460, 11.0140



93.4230, -5.6850, -1.5970



100.5340, -90.1810, -23.1490



20.7850, -18.5680, -4.9040



# Previews

## White Background



This preview shows how the YIQ color 130.8300, 56.6210, 14.6130 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

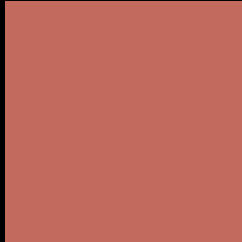
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.8300, 56.6210, 14.6130 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 130.8300, 56.6210, 14.6130

## Background



This preview shows how black text looks on a background with the YIQ color 130.8300, 56.6210, 14.6130.



This preview shows how white text looks on a background with the YIQ color 130.8300, 56.6210,



# 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

130.8300, 56.6210, 14.6130

### Protanopia

130.3140, 13.4350, -6.7010

### Deuteranopia

131.1650, 30.0320, -4.6240



## Tritanopia

131.4200, 52.2640, 21.9920

# Trichromacy



## Original Color

130.8300, 56.6210, 14.6130

## Protanomaly

130.5550, 29.1140, 1.0020

## Deuteranomaly

131.0570, 39.3840, 2.1040

## Tritanomaly

131.2090, 54.2360, 19.2920

# Monochromacy



## Original Color

130.8300, 56.6210, 14.6130

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

130.9980, 20.6770, 5.2290

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.8300, 56.6210, 14.6130 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(194, 106, 93)` looks like.

```
.text, #text, p{  
    color:rgb(194, 106, 93)  
}
```

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(194, 106, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 106, 93) }
```

## Border

The CSS property to change the border of an element to YIQ 130.8300, 56.6210, 14.6130 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(194, 106, 93) }
```



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

```
.border{ border-color:rgb(194, 106, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 106, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 106, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 106, 93);  
box-shadow:4px 4px 4px 4px rgb(194, 106,  
93) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.8300, 56.6210, 14.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 106, 93) }
```

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

```
.background{ background-color: rgb(194,  
106, 93) }
```

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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