

# Converting Colors

YIQ(132.1560, 69.7820, 1.8620)

Have a look what the booklet for  
YIQ(132.1560, 69.7820, 1.8620)  
contains.

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# Color

**YIQ(132.1560, 69.7820,  
1.8620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8703A
RGB	200, 112, 58
RGB Percent	78%, 44%, 23%
CMY	0.2155, 0.5609, 0.7722
CMYK	0.00, 0.44, 0.71, 0.22
HSL	23°, 56%, 51%
HSV	23°, 71%, 78%
XYZ	30.3873, 24.1720, 7.0779
YIQ	132.1560, 69.7820, 1.8620

# Conversions

## Conversions Part 2

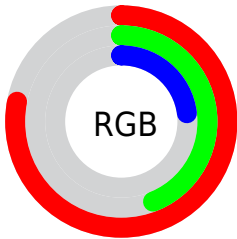
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 145, 58
Decimal	13135930
CIE <sub>Lab</sub>	56.26, 30.43, 44.17
CIE <sub>LCh</sub>	56, 53.635, 55.438
Yxy	24.1720, 0.4930, 0.3922
Android (android.graphics.Color)	4291326010 (0xFFC8703A)
YUV	132.1560, -36.5589, 59.4992
Hunter-Lab	49.1650, 24.2861, 25.8800

# Details

The YIQ color **132.1560, 69.7820, 1.8620** 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 **125.8440, -69.7820, -1.8620**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.4120, 71.9370, 1.3530**, and **80.0520, 64.1430, -0.5690** is the 20% darker color. If you saturate the color by 10%, you get **122.8320, 79.5020, 1.9180**, and if you desaturate by 10%, it is **141.4800, 60.0620, 1.8060**.

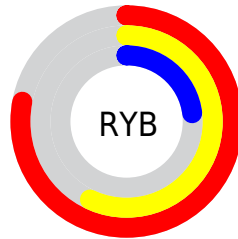
# Distribution



Red (78%)

Green (44%)

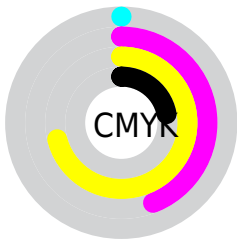
Blue (23%)



Red (78%)

Yellow (57%)

Blue (23%)

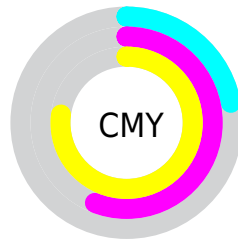


Cyan (0%)

Magenta (44%)

Yellow (71%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 132.1560, 69.7820, 1.8620 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 132.1560, 69.7820, 1.8620 by changing the saturation by 10% instead.



132.1560, 69.7820,  
1.8620

132.1560, 69.7820,  
1.8620

255.0000, -0.0000,  
-0.0000

105.7750, 66.4810,  
1.1130

185.4120, 71.9370,  
1.3530

79.4650, 64.4180,  
-0.0460

204.2250, 56.1660,  
-4.6820

56.3810, 56.0270,  
3.3470

223.6250, 40.1200,  
-11.2400

33.0350, 45.6180,  
10.2740

243.8400, 23.1570,  
-17.6990

16.7440, 33.3760,  
11.8720

250.5540, 12.5190,  
-12.1290

8.4860, 16.3670,  
6.2470

253.7460, 3.5310,

0.0000, 0.0000,

-3.4210

0.0000

■ 132.1560, 69.7820,  
1.8620

■ 132.1560, 69.7820,  
1.8620

■ 122.8320, 79.5020,  
1.9180

■ 141.4800, 60.0620,  
1.8060

■ 112.9210, 89.4970,  
2.4970

■ 151.3910, 50.0670,  
1.2270

■ 104.4120, 98.3000,  
2.6520

■ 160.7150, 40.3470,  
1.1710

■ 170.6260, 30.3520,  
0.5920

■ 179.9500, 20.6320,  
0.5360

■ 189.2740, 10.9120,  
0.4800

■ 199.1850, 0.9170,  
-0.0990

■ 208.5090, -8.8030,  
-0.1550

■ 218.4200,  
-18.7980, -0.7340

# Harmonies

## Analogous

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



133.0050, 72.6660, 26.6980



132.1560, 69.7820, 1.8620



129.8200, 52.2720, -22.2240

# Triad

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



132.1560, 69.7820, 1.8620



106.5230, -83.6210, -42.9250



135.7050, -31.6410, 28.2870

# Complementary

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



132.1560, 69.7820, 1.8620



125.8440, -69.7820, -1.8620

# 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.



109.3460, -112.2380, -3.3580



132.1560, 69.7820, 1.8620



111.9950, -99.0290, -27.9970

# Square

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



132.1560, 69.7820, 1.8620



116.1590, -32.8660, -43.1540



113.8650, -109.8060, -14.3980



138.9690, 20.7620, 42.2500



# Rectangle

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



132.1560, 69.7820, 1.8620



127.2470, 31.5960, -32.9800



113.8650, -109.8060, -14.3980



130.9410, -53.0970, 20.6550

# Sweetspot

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



132.1560, 69.7820, 1.8620



229.4730, 26.4090, 0.4650



110.7180, 55.7420, 58.0940



112.6120, 15.7720, 0.5080



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.



132.1560, 69.7820, 1.8620



151.6040, 106.5070, 2.5950



172.6590, 50.8070, -34.2250



94.4520, 4.5390, 0.3390



85.1310, 80.0980, 2.1300



18.9820, 17.6060, 0.3100

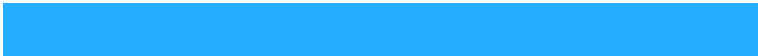


# Inverse Universe

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



125.8440, -69.7820, -1.8620



141.9830, -106.7820, -3.1180



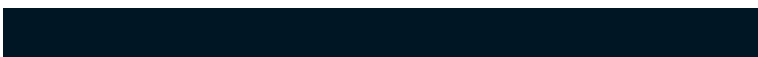
85.3410, -50.8070, 34.2250



94.5480, -4.5390, -0.3390



77.8690, -80.0980, -2.1300



17.0180, -17.6060, -0.3100



# Previews

## White Background



This preview shows how the YIQ color 132.1560, 69.7820, 1.8620 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 132.1560, 69.7820, 1.8620 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 132.1560, 69.7820, 1.8620

## Background



This preview shows how black text looks on a background with the YIQ color 132.1560, 69.7820, 1.8620.



This preview shows how white text looks on a background with the YIQ color 132.1560, 69.7820,



# 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

132.1560, 69.7820, 1.8620

### Protanopia

132.0920, 31.1350, -19.1130

### Deuteranopia

132.1110, 47.3190, -15.0570



## Tritanopia

135.8010, 55.5650, 22.7410

# Trichromacy



## Original Color

132.1560, 69.7820, 1.8620

## Protanomaly

131.8490, 45.3010, -11.5230

## Deuteranomaly

132.2910, 55.8000, -9.0640

## Tritanomaly

134.3960, 60.8390, 15.2630

# Monochromacy



## Original Color

132.1560, 69.7820, 1.8620

## Achromatopsia

132.0000, -0.0000, -0.0000

## Achromatomaly

132.2880, 25.4920, 0.5640

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 132.1560, 69.7820, 1.8620 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(200, 112, 58)` looks like.

```
.text, #text, p{  
    color:rgb(200, 112, 58)  
}
```

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(200, 112, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 112, 58) }
```

## Border

The CSS property to change the border of an element to YIQ 132.1560, 69.7820, 1.8620 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(200, 112, 58) }
```



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

```
.border{ border-color:rgb(200, 112, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 112, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 112, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 112, 58);  
box-shadow:4px 4px 4px 4px rgb(200, 112,  
58) }
```

# Background

The CSS property to change the background color of an element to YIQ 132.1560, 69.7820, 1.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 112, 58) }
```

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

```
.background{ background-color: rgb(200,  
112, 58) }
```

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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