

Converting Colors

YIQ(129.6460, 80.3260, 9.0140)

Have a look what the booklet for
YIQ(129.6460, 80.3260, 9.0140)
contains.

YIQ(129.6460, 80.3260, 9.0140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.6460, 80.3260,
9.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	D46638
RGB	212, 102, 56
RGB Percent	83%, 40%, 22%
CMY	0.1684, 0.6002, 0.7800
CMYK	0.00, 0.52, 0.74, 0.17
HSL	18°, 64%, 53%
HSV	18°, 74%, 83%
XYZ	32.6314, 23.7859, 6.6243
YIQ	129.6460, 80.3260, 9.0140

Conversions

Conversions Part 2

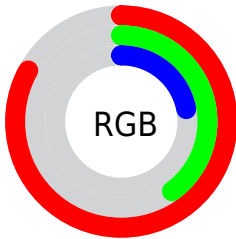
Format	Color
R_{YB}	212, 121, 56
Decimal	13919800
CIE _{Lab}	55.87, 40.31, 45.26
CIE _{LCh}	56, 60.608, 48.309
Yxy	23.7859, 0.5176, 0.3773
Android (android.graphics.Color)	4292109880 (0xFFD46638)
YUV	129.6460, -36.3075, 72.2245
Hunter-Lab	48.7708, 34.0810, 26.0865

Details

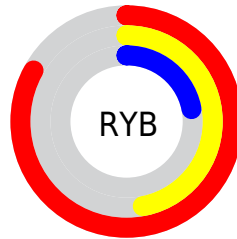
The YIQ color **129.6460, 80.3260, 9.0140** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **138.3540, -80.3260, -9.0140**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2000, 75.6500, 5.6500**, and **75.7700, 74.0450, 7.2050** is the 20% darker color. If you saturate the color by 10%, you get **118.4470, 91.1920, 10.3280**, and if you desaturate by 10%, it is **140.8450, 69.4600, 7.7000**.

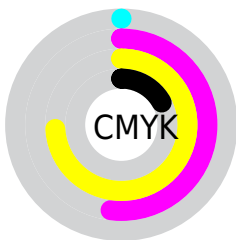
Distribution



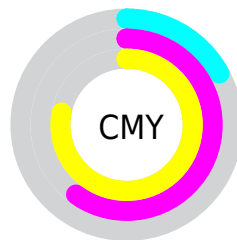
- Red (83%)
- Green (40%)
- Blue (22%)



- Red (83%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (74%)
- Black (17%)





- Cyan (17%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.6460, 80.3260, 9.0140 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 129.6460, 80.3260, 9.0140 by changing the saturation by 10% instead.


 129.6460, 80.3260,
9.0140


 129.6460, 80.3260,
9.0140


255.0000, -0.0000,
-0.0000


 102.3790, 76.7040,
8.5760


 179.2000, 75.6500,
5.6500


 75.7700, 74.0450,
7.2050


 198.6000, 59.6040,
-0.9080


 50.5660, 66.1120,
13.3120


 218.1140, 43.2370,
-7.1550


 27.5080, 54.8320,
19.5040

 238.2150, 26.5950,
-13.9250

 18.8370, 37.5480,
13.3560

 250.2120, 13.4820,
-13.0620

 10.8780, 21.1350,
7.9430

 253.5180, 4.1730,

 0.0000, 0.0000,

-4.0430

0.0000

■ 129.6460, 80.3260,
9.0140

■ 129.6460, 80.3260,
9.0140

■ 118.4470, 91.1920,
10.3280

■ 140.8450, 69.4600,
7.7000

■ 107.2480,
102.0580, 11.6420

■ 152.1580, 58.2730,
6.6970

■ 99.7820, 109.3020,
12.5180

■ 163.3570, 47.4070,
5.3830

■ 174.5560, 36.5410,
4.0690

■ 185.7550, 25.6750,
2.7550

■ 196.9540, 14.8090,
1.4410

■ 208.2670, 3.6220,
0.4380

■ 219.4660, -7.2440,
-0.8760

■ 230.6650,
-18.1100, -2.1900

Harmonies

Analogous

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



128.7490, 79.6790, 37.2710



129.6460, 80.3260, 9.0140



127.3070, 66.8980, -22.9740

Triad

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



129.6460, 80.3260, 9.0140



104.8130, -78.8060, -47.5900



129.6080, -56.3530, 24.5990

Complementary

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



129.6460, 80.3260, 9.0140



138.3540, -80.3260, -9.0140

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.



112.7200, -116.2270, -2.6510



129.6460, 80.3260, 9.0140



112.1430, -96.6900, -31.8420

Square

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



129.6460, 80.3260, 9.0140



115.0860, -22.5950, -47.5790



115.1530, -110.6770, -15.1330



137.6290, 10.2160, 46.1520

Rectangle

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



129.6460, 80.3260, 9.0140



123.7140, 48.9740, -39.5540



115.1530, -110.6770, -15.1330



113.6670, -99.5400, 8.8120

Sweetspot

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



129.6460, 80.3260, 9.0140



225.1360, 28.9760, 3.5040



115.4120, 57.0240, 67.9040



110.0360, 17.5140, 1.9780



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.



129.6460, 80.3260, 9.0140



136.7180, 115.3540, 12.9700



174.2580, 59.4260, -30.7340



101.6370, 5.4560, 0.2400



80.4790, 88.1660, 10.1020



20.4880, 22.0530, 2.3170

Inverse Universe

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



138.3540, -80.3260, -9.0140



149.2820, -115.3540, -12.9700



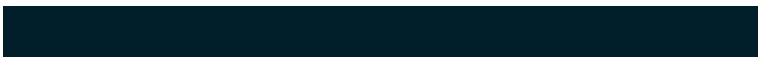
93.7420, -59.4260, 30.7340



101.9500, -5.7310, -0.7630



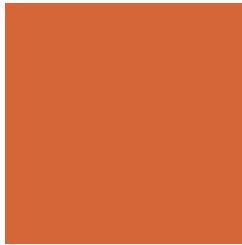
90.5210, -88.1660, -10.1020



23.0990, -22.3280, -2.8400

Previews

White Background



This preview shows how the YIQ color 129.6460, 80.3260, 9.0140 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 129.6460, 80.3260, 9.0140 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 129.6460, 80.3260, 9.0140

Background



This preview shows how black text looks on a background with the YIQ color 129.6460, 80.3260, 9.0140.



This preview shows how white text looks on a background with the YIQ color 129.6460, 80.3260, 9.0140.

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

129.6460, 80.3260, 9.0140

Protanopia

131.3200, 30.4930, -18.4910

Deuteranopia

131.0680, 48.8780, -15.7780



Tritanopia

132.6670, 67.8060, 26.6700

Trichromacy



Original Color

129.6460, 80.3260, 9.0140

Protanomaly

130.6970, 48.7850, -8.5830

Deuteranomaly

130.7970, 60.2470, -7.0570

Tritanomaly

131.6040, 72.1170, 20.1250

Monochromacy



Original Color

129.6460, 80.3260, 9.0140

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0220, 29.2970, 3.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6460, 80.3260, 9.0140 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(212, 102, 56)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 56)  
}
```

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(212, 102, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 56) }
```

Border

The CSS property to change the border of an element to YIQ 129.6460, 80.3260, 9.0140 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(212, 102, 56) }
```


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

```
.border{ border-color:rgb(212, 102, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 102, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 56);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6460, 80.3260, 9.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 56) }
```

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

```
.background{ background-color: rgb(212,  
102, 56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor