

Converting Colors

YIQ(128.0710, 80.3270, 3.4870)

Have a look what the booklet for
YIQ(128.0710, 80.3270, 3.4870)
contains.

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Color

**YIQ(128.0710, 80.3270,
3.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	CF682D
RGB	207, 104, 45
RGB Percent	81%, 41%, 18%
CMY	0.1880, 0.5923, 0.8232
CMYK	0.00, 0.50, 0.78, 0.19
HSL	22°, 64%, 49%
HSV	22°, 78%, 81%
XYZ	31.1684, 23.3551, 5.3573
YIQ	128.0710, 80.3270, 3.4870

Conversions

Conversions Part 2

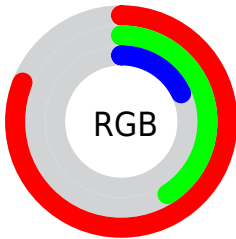
Format	Color
R _Y B	207, 138, 45
Decimal	13592621
CIE Lab	55.44, 36.88, 49.88
CIE LCh	55, 62.034, 53.521
Yxy	23.3551, 0.5205, 0.3900
Android (android.graphics.Color)	4291782701 (0xFFCF682D)
YUV	128.0710, -40.9540, 69.2207
Hunter-Lab	48.3271, 30.5503, 27.2565

Details

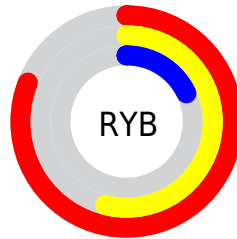
The YIQ color **128.0710, 80.3270, 3.4870** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **123.9290, -80.3270, -3.4870**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2340, 78.3100, 1.4940**, and **75.3520, 72.1660, 2.7100** is the 20% darker color. If you saturate the color by 10%, you get **118.0460, 90.6430, 3.7550**, and if you desaturate by 10%, it is **138.0960, 70.0110, 3.2190**.

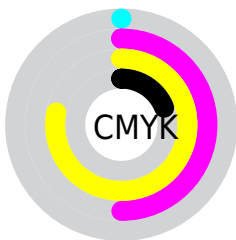
Distribution



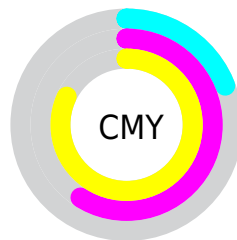
- Red (81%)
- Green (41%)
- Blue (18%)



- Red (81%)
- Yellow (54%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (78%)
- Black (19%)



- Cyan (19%)
- Magenta (59%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.0710, 80.3270, 3.4870 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 128.0710, 80.3270, 3.4870 by changing the saturation by 10% instead.

128.0710, 80.3270,
3.4870

128.0710, 80.3270,
3.4870

255.0000, -0.0000,
-0.0000

101.1630, 77.0720,
1.9040

179.2340, 78.3100,
1.4940

75.3520, 72.1660,
2.7100

198.0470, 62.5390,
-4.5410

51.4190, 62.0320,
10.1600

217.4470, 46.4930,
-11.0990

26.0130, 51.8520,
18.4440

237.5480, 29.8510,
-17.8690

17.6410, 35.1640,
12.5080

248.9580, 17.0130,
-16.4830

9.3830, 18.1550,
6.8830

252.1500, 8.0250,

0.0000, 0.0000,

-7.7750

0.0000

■ 128.0710, 80.3270,
3.4870

■ 128.0710, 80.3270,
3.4870

■ 118.0460, 90.6430,
3.7550

■ 138.0960, 70.0110,
3.2190

■ 108.1350,
100.6380, 4.3340

■ 148.1210, 59.6950,
2.9510

■ 105.9180,
102.7470, 4.6590

■ 158.6190, 49.4250,
1.8490

■ 168.6440, 39.1090,
1.5810

■ 178.6690, 28.7930,
1.3130

■ 188.5800, 18.7980,
0.7340

■ 198.6050, 8.4820,
0.4660

■ 208.6300, -1.8340,
0.1980

■ 219.1280,
-12.1040, -0.9040

Harmonies

Analogous

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



127.4950, 83.2100, 33.8500



128.0710, 80.3270, 3.4870



124.4930, 66.0740, -30.0700

Triad

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



128.0710, 80.3270, 3.4870



105.7250, -81.3740, -45.1020



131.8270, -43.6080, 30.4080

Complementary

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



128.0710, 80.3270, 3.4870



123.9290, -80.3270, -3.4870

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.



111.3010, -116.3650, -0.1490



128.0710, 80.3270, 3.4870



112.5820, -99.3040, -28.5200

Square

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



128.0710, 80.3270, 3.4870



108.1810, -39.1000, -51.3240



114.7770, -112.3740, -11.9100



136.2990, 20.0730, 49.2330

Rectangle

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



128.0710, 80.3270, 3.4870



121.6700, 43.1060, -43.3420



114.7770, -112.3740, -11.9100



122.5670, -75.4710, 18.6490

Sweetspot

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



128.0710, 80.3270, 3.4870



226.5550, 29.1140, 1.0020



105.4080, 62.8470, 66.9990



110.3950, 17.8810, 0.8330



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.



128.0710, 80.3270, 3.4870



137.8290, 119.1150, 5.3790



174.4440, 58.6020, -37.8300



99.6370, 5.4560, 0.2400



86.0390, 83.3530, 3.7130



21.0640, 20.3110, 0.8470

Inverse Universe

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



123.9290, -80.3270, -3.4870



132.1710, -119.1150, -5.3790



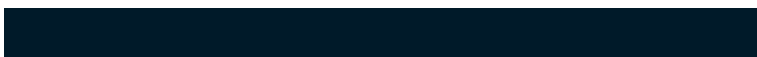
77.5560, -58.6020, 37.8300



99.3630, -5.4560, -0.2400



81.9610, -83.3530, -3.7130



19.9360, -20.3110, -0.8470

Previews

White Background



This preview shows how the YIQ color 128.0710, 80.3270, 3.4870 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 128.0710, 80.3270, 3.4870 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 128.0710, 80.3270, 3.4870

Background



This preview shows how black text looks on a background with the YIQ color 128.0710, 80.3270, 3.4870.



This preview shows how white text looks on a background with the YIQ color 128.0710, 80.3270,

3.4870.

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

128.0710, 80.3270, 3.4870

Protanopia

129.2510, 34.9410, -22.0110

Deuteranopia

128.8140, 52.4090, -19.1990



Tritanopia

132.1720, 64.8260, 25.6100

Trichromacy



Original Color

128.0710, 80.3270, 3.4870

Protanomaly

128.7310, 51.4450, -12.7390

Deuteranomaly

128.9450, 62.5860, -10.9020

Tritanomaly

130.6530, 70.4210, 17.8210

Monochromacy



Original Color

128.0710, 80.3270, 3.4870

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9680, 29.3890, 1.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.0710, 80.3270, 3.4870 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(207, 104, 45)` looks like.

```
.text, #text, p{  
    color:rgb(207, 104, 45)  
}
```

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(207, 104, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 104, 45) }
```

Border

The CSS property to change the border of an element to YIQ 128.0710, 80.3270, 3.4870 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(207, 104, 45) }
```


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

```
.border{ border-color:rgb(207, 104, 45) }
```

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

Here you see how a box with a 4 pixel rgb(207, 104, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 104, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 104, 45);  
box-shadow:4px 4px 4px 4px rgb(207, 104,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 128.0710, 80.3270, 3.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 104, 45) }
```

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

```
.background{ background-color: rgb(207,  
104, 45) }
```

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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