

Converting Colors

YIQ(137.7080, 68.5880, 12.4920)

Have a look what the booklet for
YIQ(137.7080, 68.5880, 12.4920)
contains.

YIQ(137.7080, 68.5880, 12.4920)	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(137.7080, 68.5880,
12.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	D36F53
RGB	211, 111, 83
RGB Percent	83%, 44%, 33%
CMY	0.1723, 0.5648, 0.6742
CMYK	0.00, 0.47, 0.61, 0.17
HSL	13°, 59%, 58%
HSV	13°, 61%, 83%
XYZ	34.1242, 25.8426, 11.3884
YIQ	137.7080, 68.5880, 12.4920

Conversions

Conversions Part 2

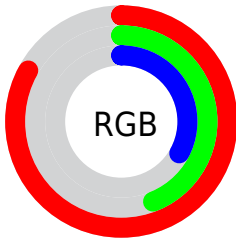
Format	Color
R _Y B	211, 119, 83
Decimal	13856595
CIE Lab	57.89, 36.89, 33.16
CIE LCh	58, 49.601, 41.954
Yxy	25.8426, 0.4782, 0.3622
Android (android.graphics.Color)	4292046675 (0xFFD36F53)
YUV	137.7080, -26.9710, 64.2771
Hunter-Lab	50.8356, 30.8585, 22.3026

Details

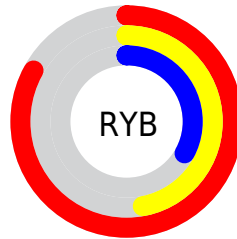
The YIQ color **137.7080, 68.5880, 12.4920** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **156.2920, -68.5880, -12.4920**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.6750, 64.1870, 9.6510**, and **84.5870, 61.6190, 12.1390** is the 20% darker color. If you saturate the color by 10%, you get **125.3350, 80.0040, 14.8520**, and if you desaturate by 10%, it is **149.4940, 57.4470, 10.6550**.

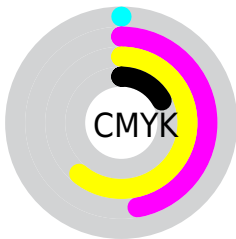
Distribution



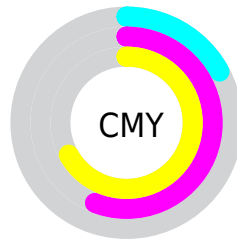
- Red (83%)
- Green (44%)
- Blue (33%)



- Red (83%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (61%)
- Black (17%)



- Cyan (17%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7080, 68.5880, 12.4920 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 137.7080, 68.5880, 12.4920 by changing the saturation by 10% instead.

137.7080, 68.5880,
12.4920

137.7080, 68.5880,
12.4920

255.0000, -0.0000,
-0.0000

110.8540, 65.2410,
12.5770

187.6750, 64.1870,
9.6510

84.8860, 62.2150,
12.3510

207.0750, 48.1410,
3.0930

58.7330, 58.2720,
12.2240

226.7030, 31.4530,
-2.8430

31.0410, 54.6490,
17.3130

246.8040, 14.8110,
-9.6130

19.7340, 39.3360,
13.9920

253.6320, 3.8520,
-3.7320

12.3730, 24.1150,
9.0030

0.0000, 0.0000,

0.0000

■ 137.7080, 68.5880,
12.4920

■ 137.7080, 68.5880,
12.4920

■ 125.3350, 80.0040,
14.8520

■ 149.4940, 57.4470,
10.6550

■ 113.5490, 91.1450,
16.6890

■ 161.8670, 46.0310,
8.2950

■ 101.1760,
102.5610, 19.0490

■ 173.6530, 34.8900,
6.4580

■ 90.0910, 113.1060,
20.6740

■ 186.0260, 23.4740,
4.0980

■ 197.9260, 12.0120,
2.5720

■ 210.2990, 0.5960,
0.2120

■ 222.6720,
-10.8200, -2.1480

■ 234.4580,
-21.9610, -3.9850

■ 241.8440,
-26.2240, -9.3280

Harmonies

Analogous

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



138.7900, 63.2660, 31.8580



137.7080, 68.5880, 12.4920



136.0200, 58.0010, -10.4070

Triad

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



137.7080, 68.5880, 12.4920



105.9870, -79.3560, -48.6360



134.3490, -54.4260, 17.2060

Complementary

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



137.7080, 68.5880, 12.4920



156.2920, -68.5880, -12.4920

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.



113.8310, -112.4660, -10.2420



137.7080, 68.5880, 12.4920



112.2910, -94.3510, -35.6870

Square

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



137.7080, 68.5880, 12.4920



127.5060, -5.8620, -36.9500



115.0900, -106.3660, -21.6780



142.7320, -0.7400, 35.4520

Rectangle

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



137.7080, 68.5880, 12.4920



134.5030, 42.9190, -23.4250



115.0900, -106.3660, -21.6780



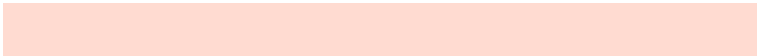
125.5520, -80.2830, 6.7330

Sweetspot

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



137.7080, 68.5880, 12.4920



228.6240, 24.6660, 4.5220



132.6720, 44.1880, 58.2360



111.7800, 15.3590, 2.4870



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.



137.7080, 68.5880, 12.4920



148.0940, 99.8560, 18.5120



175.2760, 50.9880, -20.9800



98.4630, 6.0060, 1.2860



71.9510, 89.9530, 16.2650



17.5420, 21.9610, 3.9850

Inverse Universe

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



156.2920, -68.5880, -12.4920



175.3190, -99.5810, -17.9890



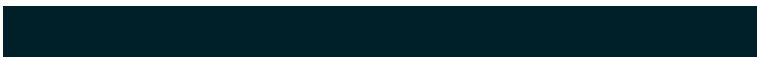
118.7240, -50.9880, 20.9800



99.9500, -5.7310, -0.7630



96.6360, -90.2280, -16.7880



23.4580, -21.9610, -3.9850

Previews

White Background



This preview shows how the YIQ color 137.7080, 68.5880, 12.4920 looks on a white background.

Color Contrast Check

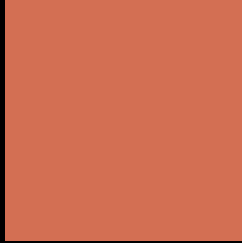
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7080, 68.5880, 12.4920 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 137.7080, 68.5880, 12.4920

Background



This preview shows how black text looks on a background with the YIQ color 137.7080, 68.5880, 12.4920.



This preview shows how white text looks on a background with the YIQ color 137.7080, 68.5880,

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

137.7080, 68.5880, 12.4920

Protanopia

138.0450, 21.3220, -11.9740

Deuteranopia

137.9070, 39.3860, -8.9500



Tritanopia

139.4920, 60.9290, 24.6490

Trichromacy



Original Color

137.7080, 68.5880, 12.4920

Protanomaly

137.7100, 38.7430, -2.8010

Deuteranomaly

137.8100, 50.2050, -1.2750

Tritanomaly

138.5260, 63.5890, 20.4930

Monochromacy



Original Color

137.7080, 68.5880, 12.4920

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9230, 25.2620, 4.7340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7080, 68.5880, 12.4920 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(211, 111, 83)` looks like.

```
.text, #text, p{  
    color:rgb(211, 111, 83)  
}
```

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(211, 111, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 111, 83) }
```

Border

The CSS property to change the border of an element to YIQ 137.7080, 68.5880, 12.4920 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(211, 111, 83) }
```


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

```
.border{ border-color:rgb(211, 111, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 111, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 111, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 111, 83);  
box-shadow:4px 4px 4px 4px rgb(211, 111,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7080, 68.5880, 12.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 111, 83) }
```

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

```
.background{ background-color: rgb(211,  
111, 83) }
```

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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