

Converting Colors

YIQ(138.8900, 73.5870, 4.4910)

Have a look what the booklet for
YIQ(138.8900, 73.5870, 4.4910)
contains.

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Color

**YIQ(138.8900, 73.5870,
4.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	D47441
RGB	212, 116, 65
RGB Percent	83%, 45%, 25%
CMY	0.1684, 0.5452, 0.7448
CMYK	0.00, 0.45, 0.69, 0.17
HSL	21°, 63%, 54%
HSV	21°, 69%, 83%
XYZ	34.3632, 26.8686, 8.3889
YIQ	138.8900, 73.5870, 4.4910

Conversions

Conversions Part 2

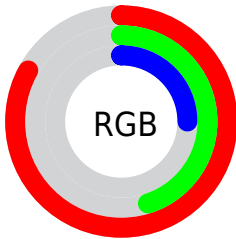
Format	Color
R _Y B	212, 143, 65
Decimal	13923393
CIE Lab	58.85, 33.56, 43.95
CIE LCh	59, 55.298, 52.641
Yxy	26.8686, 0.4936, 0.3859
Android (android.graphics.Color)	4292113473 (0xFFD47441)
YUV	138.8900, -36.4278, 64.1175
Hunter-Lab	51.8349, 27.6227, 26.6890

Details

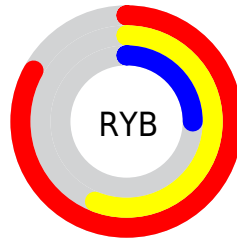
The YIQ color **138.8900, 73.5870, 4.4910** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **138.1100, -73.5870, -4.4910**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5580, 68.5900, 1.4380**, and **86.0140, 67.3060, 2.6820** is the 20% darker color. If you saturate the color by 10%, you get **128.2780, 84.1780, 5.2820**, and if you desaturate by 10%, it is **149.5020, 62.9960, 3.7000**.

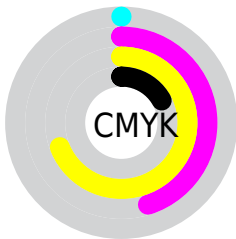
Distribution



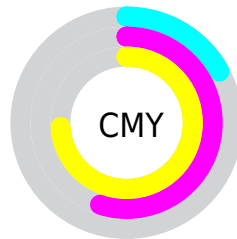
- Red (83%)
- Green (45%)
- Blue (25%)



- Red (83%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (69%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.8900, 73.5870, 4.4910 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 138.8900, 73.5870, 4.4910 by changing the saturation by 10% instead.


 138.8900, 73.5870,
4.4910


 138.8900, 73.5870,
4.4910


255.0000, -0.0000,
-0.0000


 112.5090, 70.2860,
3.7420


 188.5580, 68.5900,
1.4380

 86.1280, 66.9850,
2.9930


 207.9580, 52.5440,
-5.1200

 60.8440, 62.0330,
4.6330


 227.4720, 36.1770,
-11.3670

 37.4980, 51.6240,
11.5600

 247.5730, 19.5350,
-18.1370

 19.4350, 38.7400,
13.7800

 251.4660, 9.9510,
-9.6410

 12.3730, 24.1150,
9.0030

254.6580, 0.9630,

 0.0000, 0.0000,

-0.9330

0.0000

■ 138.8900, 73.5870,
4.4910

■ 138.8900, 73.5870,
4.4910

■ 128.2780, 84.1780,
5.2820

■ 149.5020, 62.9960,
3.7000

■ 117.6660, 94.7690,
6.0730

■ 160.1140, 52.4050,
2.9090

■ 106.9400,
105.6810, 6.5530

■ 170.8400, 41.4930,
2.4290

■ 106.2390,
106.2770, 6.7650

■ 180.8650, 31.1770,
2.1610

■ 191.4770, 20.5860,
1.3700

■ 202.0890, 9.9950,
0.5790

■ 212.8150, -0.9170,
0.0990

■ 223.4270,
-11.5080, -0.6920

■ 233.9250,
-21.7780, -1.7940

Harmonies

Analogous

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



139.6680, 75.2330, 29.7370



138.8900, 73.5870, 4.4910



136.7990, 56.7650, -21.0510

Triad

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



138.8900, 73.5870, 4.4910



110.8600, -86.1880, -45.9640



141.4700, -38.2890, 27.6230

Complementary

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



138.8900, 73.5870, 4.4910



138.1100, -73.5870, -4.4910

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.



115.7690, -117.9230, -4.9550



138.8900, 73.5870, 4.4910



117.1470, -102.5130, -30.9370

Square

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



138.8900, 73.5870, 4.4910



123.9700, -27.9600, -43.9600



119.3590, -114.2530, -16.4050



145.7560, 17.0480, 43.4800

Rectangle

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



138.8900, 73.5870, 4.4910



134.1720, 36.1810, -33.4750



119.3590, -114.2530, -16.4050



135.2110, -62.7250, 18.9310

Sweetspot

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



138.8900, 73.5870, 4.4910



228.2990, 26.9590, 1.5110



120.1250, 56.1540, 61.6420



112.0250, 16.0470, 1.0310



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.



138.8900, 73.5870, 4.4910



149.8260, 106.0020, 6.2420



181.1540, 53.7870, -33.1650



101.6370, 5.4560, 0.2400



85.7620, 85.6910, 5.3950



21.6620, 21.5030, 1.2710

Inverse Universe

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



138.1100, -73.5870, -4.4910



148.7610, -106.2770, -6.7650



96.4330, -54.0620, 32.6420



101.3630, -5.4560, -0.2400



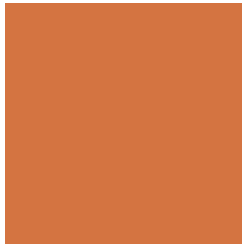
85.2380, -85.6910, -5.3950



21.3380, -21.5030, -1.2710

Previews

White Background



This preview shows how the YIQ color 138.8900, 73.5870, 4.4910 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 138.8900, 73.5870, 4.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

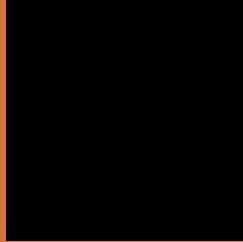
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.8900, 73.5870, 4.4910

Background



This preview shows how black text looks on a background with the YIQ color 138.8900, 73.5870, 4.4910.



This preview shows how white text looks on a background with the YIQ color 138.8900, 73.5870,

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

138.8900, 73.5870, 4.4910

Protanopia

138.6190, 31.0890, -18.2790

Deuteranopia

138.7090, 48.5110, -14.6330



Tritanopia

142.3070, 60.0120, 24.7480

Trichromacy



Original Color

138.8900, 73.5870, 4.4910

Protanomaly

138.9740, 46.4470, -10.2650

Deuteranomaly

138.7150, 57.5420, -7.5940

Tritanomaly

141.0160, 64.9650, 17.5810

Monochromacy



Original Color

138.8900, 73.5870, 4.4910

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.2990, 26.9590, 1.5110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8900, 73.5870, 4.4910 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, 116, 65)` looks like.

```
.text, #text, p{  
    color:rgb(212, 116, 65)  
}
```

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, 116, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 116, 65) }
```

Border

The CSS property to change the border of an element to YIQ 138.8900, 73.5870, 4.4910 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, 116, 65) }
```


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

```
.border{ border-color:rgb(212, 116, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 116, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 116, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 116, 65);  
box-shadow:4px 4px 4px 4px rgb(212, 116,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8900, 73.5870, 4.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 116, 65) }
```

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

```
.background{ background-color: rgb(212,  
116, 65) }
```

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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