

Converting Colors

YIQ(137.8920, 71.2460, 19.3900)

Have a look what the booklet for
YIQ(137.8920, 71.2460, 19.3900)
contains.

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Color

**YIQ(137.8920, 71.2460,
19.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6A5C
RGB	218, 106, 92
RGB Percent	85%, 42%, 36%
CMY	0.1448, 0.5845, 0.6389
CMYK	0.00, 0.51, 0.58, 0.14
HSL	7°, 63%, 61%
HSV	7°, 58%, 86%
XYZ	36.0173, 25.9879, 13.2602
YIQ	137.8920, 71.2460, 19.3900

Conversions

Conversions Part 2

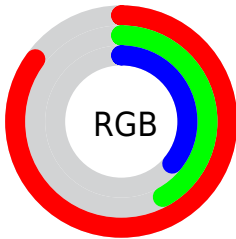
Format	Color
R_{YB}	218, 108, 92
Decimal	14314076
CIE _{Lab}	58.03, 42.75, 28.50
CIE _{LCh}	58, 51.373, 33.688
Yxy	25.9879, 0.4785, 0.3453
Android (android.graphics.Color)	4292504156 (0xFFDA6A5C)
YUV	137.8920, -22.6248, 70.2547
Hunter-Lab	50.9784, 36.9020, 20.2626

Details

The YIQ color **137.8920, 71.2460, 19.3900** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **172.1080, -71.2460, -19.3900**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.3530, 62.3980, 14.5420**, and **84.1840, 64.5520, 19.5600** is the 20% darker color. If you saturate the color by 10%, you get **124.2310, 83.5330, 22.4850**, and if you desaturate by 10%, it is **151.5530, 58.9590, 16.2950**.

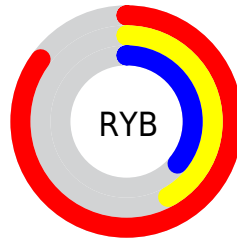
Distribution



Red (85%)

Green (42%)

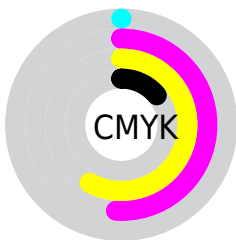
Blue (36%)



Red (85%)

Yellow (42%)

Blue (36%)

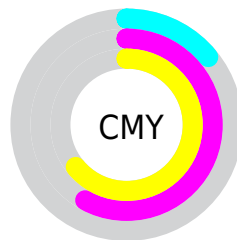


Cyan (0%)

Magenta (51%)

Yellow (58%)

Black (14%)



Cyan (14%)


Magenta (58%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.8920, 71.2460, 19.3900 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 137.8920, 71.2460, 19.3900 by changing the saturation by 10% instead.


 137.8920, 71.2460,
19.3900


 137.8920, 71.2460,
19.3900


255.0000, -0.0000,
-0.0000


 110.9240, 68.2200,
19.1640


 186.4670, 62.0770,
14.8530


 84.1840, 64.5520,
19.5600


 205.2800, 46.3060,
8.8180

 56.6830, 61.7090,
21.5250


 225.3810, 29.6640,
2.0480

 29.9000, 59.6000,
21.2000

 245.5960, 12.7010,
-4.4110

 21.2290, 42.3160,
15.0520

254.7720, 0.6420,
-0.6220

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 137.8920, 71.2460,
19.3900

■ 137.8920, 71.2460,
19.3900

■ 124.2310, 83.5330,
22.4850

■ 151.5530, 58.9590,
16.2950

■ 109.9830, 96.0950,
26.1030

■ 165.8010, 46.3970,
12.6770

■ 96.4360, 108.0610,
29.5090

■ 179.3480, 34.4310,
9.2710

■ 82.1880, 120.6230,
33.1270

■ 193.5960, 21.8690,
5.6530

■ 79.2700, 123.3280,
33.6640

■ 207.2570, 9.5820,
2.5580

■ 220.9180, -2.7050,
-0.5370

■ 235.1660,
-15.2670, -4.1550

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



139.6960, 60.8350, 37.3710



137.8920, 71.2460, 19.3900



136.5310, 64.0520, -4.4280

Triad

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



137.8920, 71.2460, 19.3900



116.7750, -49.2800, -43.0400



126.4920, -80.0540, 8.0900

Complementary

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



137.8920, 71.2460, 19.3900



172.1080, -71.2460, -19.3900

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.



115.3640, -112.6490, -12.4330



137.8920, 71.2460, 19.3900



110.9230, -90.4990, -39.4190

Square

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



137.8920, 71.2460, 19.3900



129.2640, 6.5630, -36.3570



115.3520, -104.3480, -25.2120



142.4360, -14.5860, 33.0780

Rectangle

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



137.8920, 71.2460, 19.3900



135.2160, 51.2170, -19.6230



115.3520, -104.3480, -25.2120



112.3950, -113.9340, -5.6620

Sweetspot

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



137.8920, 71.2460, 19.3900



227.2050, 24.5280, 7.0240



142.5560, 38.8230, 61.8550



111.5350, 14.6710, 3.9430



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.



137.8920, 71.2460, 19.3900



142.7770, 99.6710, 27.3750



174.2860, 54.1960, -13.0360



102.8760, 6.2810, 1.8090



62.8800, 97.8830, 26.7390



16.6890, 26.0410, 7.1370

Inverse Universe

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



172.1080, -71.2460, -19.3900



191.2230, -99.6710, -27.3750



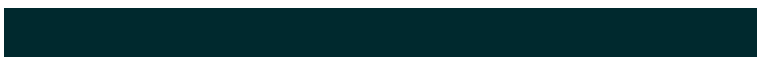
135.7140, -54.1960, 13.0360



105.5370, -6.0060, -1.2860



110.1200, -97.8830, -26.7390



29.3110, -26.0410, -7.1370

Previews

White Background



This preview shows how the YIQ color 137.8920, 71.2460, 19.3900 looks on a white background.

Color Contrast Check

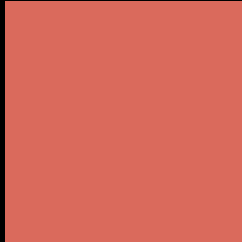
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8920, 71.2460, 19.3900 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 137.8920, 71.2460, 19.3900

Background



This preview shows how black text looks on a background with the YIQ color 137.8920, 71.2460, 19.3900.



This preview shows how white text looks on a background with the YIQ color 137.8920, 71.2460,

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

137.8920, 71.2460, 19.3900

Protanopia

139.1140, 16.8740, -8.4540

Deuteranopia

139.1070, 35.9470, -7.1970



Tritanopia

138.4820, 66.8890, 26.7690

Trichromacy



Original Color

137.8920, 71.2460, 19.3900

Protanomaly

138.9750, 36.6790, 1.5670

Deuteranomaly

138.8470, 48.7830, 2.4710

Tritanomaly

138.2710, 68.8610, 24.0690

Monochromacy



Original Color

137.8920, 71.2460, 19.3900

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6890, 26.0410, 7.1370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8920, 71.2460, 19.3900 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(218, 106, 92)` looks like.

```
.text, #text, p{  
    color:rgb(218, 106, 92)  
}
```

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(218, 106, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 106, 92) }
```

Border

The CSS property to change the border of an element to YIQ 137.8920, 71.2460, 19.3900 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(218, 106, 92) }
```


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

```
.border{ border-color:rgb(218, 106, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 106, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 106, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 106, 92);  
box-shadow:4px 4px 4px 4px rgb(218, 106,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8920, 71.2460, 19.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 106, 92) }
```

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

```
.background{ background-color: rgb(218,  
106, 92) }
```

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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