

Converting Colors

YIQ(142.1250, 71.0670, -4.9090)

Have a look what the booklet for
YIQ(142.1250, 71.0670, -4.9090)
contains.

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Color

**YIQ(142.1250, 71.0670,
-4.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7E37
RGB	207, 126, 55
RGB Percent	81%, 49%, 22%
CMY	0.1881, 0.5060, 0.7840
CMYK	0.00, 0.39, 0.73, 0.19
HSL	28°, 61%, 51%
HSV	28°, 73%, 81%
XYZ	33.8908, 28.4605, 7.3324
YIQ	142.1250, 71.0670, -4.9090

Conversions

Conversions Part 2

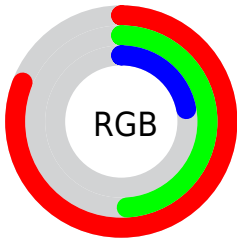
Format	Color
R_{YB}	207, 188, 55
Decimal	13598263
CIE _{Lab}	60.30, 25.67, 50.19
CIE _{LCh}	60, 56.369, 62.915
Yxy	28.4605, 0.4864, 0.4084
Android (android.graphics.Color)	4291788343 (0xFFCF7E37)
YUV	142.1250, -42.9526, 56.8954
Hunter-Lab	53.3484, 20.0369, 29.1948

Details

The YIQ color **142.1250, 71.0670, -4.9090** 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 **119.8750, -71.0670, 4.9090**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.4020, 68.7290, -6.5910**, and **88.5650, 66.7120, -8.5840** is the 20% darker color. If you saturate the color by 10%, you get **133.2740, 80.8330, -5.6870**, and if you desaturate by 10%, it is **150.9760, 61.3010, -4.1310**.

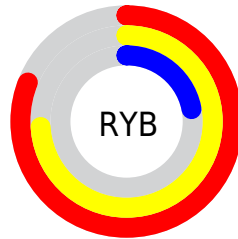
Distribution



Red (81%)

Green (49%)

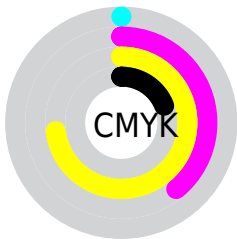
Blue (22%)



Red (81%)

Yellow (74%)

Blue (22%)

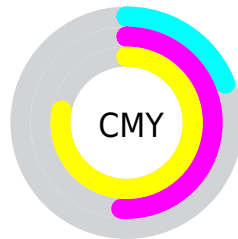


Cyan (0%)

Magenta (39%)

Yellow (73%)

Black (19%)



Cyan (19%)


Magenta (51%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.1250, 71.0670, -4.9090 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 142.1250, 71.0670, -4.9090 by changing the saturation by 10% instead.


 142.1250, 71.0670,
-4.9090


 142.1250, 71.0670,
-4.9090


255.0000, -0.0000,
-0.0000


 115.6300, 68.0870,
-5.9690


 193.4020, 68.7290,
-6.5910


 88.5650, 66.7120,
-8.5840


 212.8020, 52.6830,
-13.1490


 66.6920, 56.3490,
-2.4910


 232.3160, 36.3160,
-19.3960

 44.5200, 45.3900,
3.3900

 247.1340, 22.1490,
-21.4590

 22.6470, 35.0270,
9.4830

 250.3260, 13.1610,
-12.7510

 12.0740, 23.5190,
8.7910

 253.6320, 3.8520,

 0.0000, 0.0000,

-3.7320

0.0000

■ 142.1250, 71.0670,
-4.9090

■ 142.1250, 71.0670,
-4.9090

■ 133.2740, 80.8330,
-5.6870

■ 150.9760, 61.3010,
-4.1310

■ 124.5370, 90.2780,
-6.1540

■ 159.7130, 51.8560,
-3.6640

■ 118.8320, 96.6970,
-6.8470

■ 168.5640, 42.0900,
-2.8860

■ 177.4150, 32.3240,
-2.1080

■ 186.2660, 22.5580,
-1.3300

■ 195.0030, 13.1130,
-0.8630

■ 203.8540, 3.3470,
-0.0850

■ 212.7050, -6.4190,
0.6930

■ 221.4420,
-15.8640, 1.1600

Harmonies

Analogous

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



142.8930, 78.6730, 22.4570



142.1250, 71.0670, -4.9090



138.5650, 48.3760, -28.7120

Triad

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



142.1250, 71.0670, -4.9090



116.1890, -94.3040, -42.0480



148.1630, -18.0710, 35.6650

Complementary

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



142.1250, 71.0670, -4.9090



119.8750, -71.0670, 4.9090

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.



124.0640, -102.3360, 4.4160



142.1250, 71.0670, -4.9090



121.1880, -109.7580, -26.2860

Square

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



142.1250, 71.0670, -4.9090



118.4810, -57.4400, -49.3440



121.6560, -119.3430, -12.2630



149.2480, 33.2780, 46.7020

Rectangle

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



142.1250, 71.0670, -4.9090



136.0070, 23.3440, -37.6160



121.6560, -119.3430, -12.2630



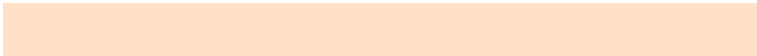
145.1110, -38.6560, 28.7680

Sweetspot

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



142.1250, 71.0670, -4.9090



231.0060, 26.2260, -1.7260



110.0240, 63.6280, 58.3480



113.5580, 15.8640, -1.1600



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.



142.1250, 71.0670, -4.9090



159.0240, 104.9040, -6.9040



184.9760, 50.9920, -43.0880



100.2240, 5.1810, -0.2830



96.6050, 78.4030, -5.7010



23.4120, 19.2110, -1.2450

Inverse Universe

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



119.8750, -71.0670, 4.9090



126.3890, -104.6290, 7.4270



77.0240, -50.9920, 43.0880



98.7760, -5.1810, 0.2830



71.9820, -78.6780, 5.1780



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 142.1250, 71.0670, -4.9090 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 142.1250, 71.0670, -4.9090 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 142.1250, 71.0670, -4.9090

Background



This preview shows how black text looks on a background with the YIQ color 142.1250, 71.0670, -4.9090.



This preview shows how white text looks on a background with the YIQ color 142.1250, 71.0670, -4.9090.

-4.9090.

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

142.1250, 71.0670, -4.9090

Protanopia

141.0940, 36.8210, -23.0430

Deuteranopia

141.8250, 53.8760, -18.2520



Tritanopia

146.8330, 52.5390, 22.5150

Trichromacy



Original Color

142.1250, 71.0670, -4.9090

Protanomaly

141.5410, 48.9240, -16.6120

Deuteranomaly

141.6950, 60.2940, -13.4180

Tritanomaly

145.3310, 59.4640, 12.6480

Monochromacy



Original Color

142.1250, 71.0670, -4.9090

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0060, 26.2260, -1.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1250, 71.0670, -4.9090 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, 126, 55)` looks like.

```
.text, #text, p{  
    color:rgb(207, 126, 55)  
}
```

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, 126, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 126, 55) }
```

Border

The CSS property to change the border of an element to YIQ 142.1250, 71.0670, -4.9090 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, 126, 55) }
```


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

```
.border{ border-color:rgb(207, 126, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 126, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 126, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 126, 55);  
box-shadow:4px 4px 4px 4px rgb(207, 126,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1250, 71.0670, -4.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 126, 55) }
```

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

```
.background{ background-color: rgb(207,  
126, 55) }
```

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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