

Converting Colors

YIQ(125.9690, 72.3470, 15.9550)

Have a look what the booklet for
YIQ(125.9690, 72.3470, 15.9550)
contains.

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Color

**YIQ(125.9690, 72.3470,
15.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6049
RGB	205, 96, 73
RGB Percent	80%, 38%, 29%
CMY	0.1958, 0.6237, 0.7134
CMYK	0.00, 0.53, 0.64, 0.20
HSL	10°, 57%, 55%
HSV	10°, 64%, 80%
XYZ	30.5779, 21.8275, 8.9183
YIQ	125.9690, 72.3470, 15.9550

Conversions

Conversions Part 2

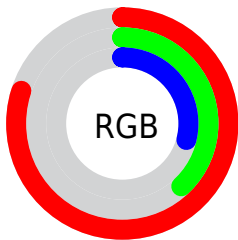
Format	Color
RYB	205, 101, 73
Decimal	13459529
CIELab	53.84, 41.56, 33.56
CIELCh	54, 53.416, 38.927
Yxy	21.8275, 0.4986, 0.3559
Android (android.graphics.Color)	4291649609 (0xFFCD6049)
YUV	125.9690, -26.1137, 69.3102
Hunter-Lab	46.7199, 35.0677, 21.3861

Details

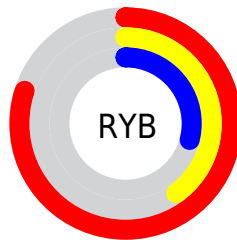
The YIQ color **125.9690, 72.3470, 15.9550** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **152.0310, -72.3470, -15.9550**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6160, 71.8430, 14.0750**, and **72.3750, 65.3320, 16.4360** is the 20% darker color. If you saturate the color by 10%, you get **113.7100, 83.4420, 18.6260**, and if you desaturate by 10%, it is **138.3420, 60.9310, 13.5950**.

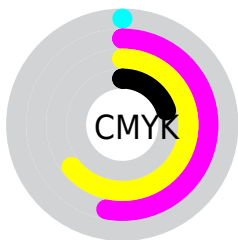
Distribution



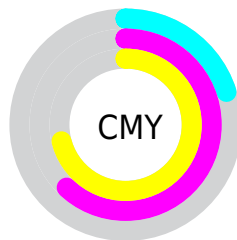
- Red (80%)
- Green (38%)
- Blue (29%)



- Red (80%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)
- Black (20%)





- Cyan (20%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.9690, 72.3470, 15.9550 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 125.9690, 72.3470, 15.9550 by changing the saturation by 10% instead.


 125.9690, 72.3470,
15.9550


 125.9690, 72.3470,
15.9550


255.0000, -0.0000,
-0.0000


 99.1150, 69.0000,
16.0400


 177.6160, 71.8430,
14.0750


 72.3750, 65.3320,
16.4360


 196.4290, 56.0720,
8.0400

 44.0590, 63.4060,
18.3020


 216.5300, 39.4300,
1.2700

 26.0130, 51.8520,
18.4440

 236.1580, 22.7420,
-4.6660

 17.6410, 35.1640,
12.5080

 252.2640, 7.7040,
-7.4640

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,

0.0000

■ 125.9690, 72.3470,
15.9550

■ 125.9690, 72.3470,
15.9550

■ 113.7100, 83.4420,
18.6260

■ 138.3420, 60.9310,
13.5950

■ 101.3370, 94.8580,
20.9860

■ 150.6010, 49.8360,
10.9240

■ 89.0780, 105.9530,
23.6570

■ 162.9740, 38.4200,
8.5640

■ 82.4270, 112.2800,
24.6320

■ 175.2330, 27.3250,
5.8930

■ 187.6060, 15.9090,
3.5330

■ 199.8650, 4.8140,
0.8620

■ 212.2380, -6.6020,
-1.4980

■ 224.4970,
-17.6970, -4.1690

■ 236.5280,
-28.1500, -7.4620

Harmonies

Analogous

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



126.6210, 65.4200, 36.8760



125.9690, 72.3470, 15.9550



124.8850, 62.8150, -9.5450

Triad

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



125.9690, 72.3470, 15.9550



98.1790, -71.1490, -48.6930



117.8460, -72.1230, 13.0370

Complementary

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



125.9690, 72.3470, 15.9550



152.0310, -72.3470, -15.9550

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.



107.7500, -107.7440, -7.7120



125.9690, 72.3470, 15.9550



104.8250, -87.1070, -34.8110

Square

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



125.9690, 72.3470, 15.9550



116.1920, -2.1020, -39.0140



108.6670, -100.6810, -20.0810



132.0350, -5.9670, 36.5690

Rectangle

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



125.9690, 72.3470, 15.9550



122.9720, 48.7880, -25.1640



108.6670, -100.6810, -20.0810



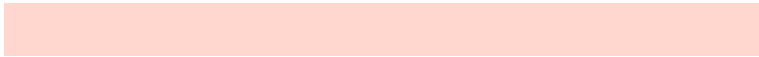
103.8520, -107.7910, -1.3510

Sweetspot

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



125.9690, 72.3470, 15.9550



226.0480, 26.4080, 5.9920



125.0080, 43.3620, 62.1940



109.9050, 16.5050, 3.7450



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.



125.9690, 72.3470, 15.9550



137.5620, 107.4660, 23.7700



164.1240, 54.4720, -18.0400



96.1640, 5.4100, 1.0740



66.6570, 90.9610, 20.0250



15.4710, 20.7230, 4.3950

Inverse Universe

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



152.0310, -72.3470, -15.9550



176.4380, -107.4660, -23.7700



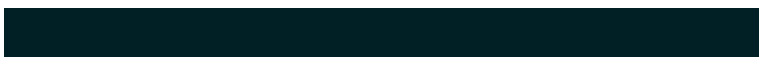
113.8760, -54.4720, 18.0400



97.8360, -5.4100, -1.0740



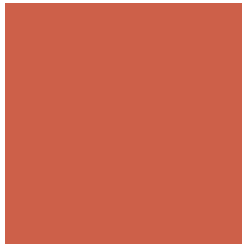
99.3430, -90.9610, -20.0250



23.1160, -20.9980, -4.9180

Previews

White Background



This preview shows how the YIQ color 125.9690, 72.3470, 15.9550 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 125.9690, 72.3470, 15.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

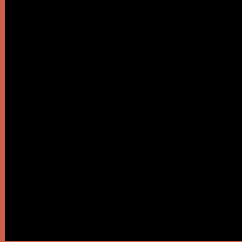
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.9690, 72.3470, 15.9550

Background



This preview shows how black text looks on a background with the YIQ color 125.9690, 72.3470, 15.9550.



This preview shows how white text looks on a background with the YIQ color 125.9690, 72.3470,

15.9550.

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

125.9690, 72.3470, 15.9550

Protanopia

127.2730, 20.6800, -11.3520

Deuteranopia

127.1950, 38.5150, -9.6850



Tritanopia

127.4710, 65.4220, 25.8220

Trichromacy



Original Color

125.9690, 72.3470, 15.9550

Protanomaly

126.9490, 39.5680, -1.2320

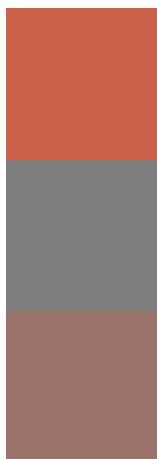
Deuteranomaly

126.6360, 50.7550, -0.2290

Tritanomaly

127.0320, 68.0360, 22.5000

Monochromacy



Original Color

125.9690, 72.3470, 15.9550

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0480, 26.4080, 5.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.9690, 72.3470, 15.9550 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(205, 96, 73)` looks like.

```
.text, #text, p{  
    color:rgb(205, 96, 73)  
}
```

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(205, 96, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 96, 73) }
```

Border

The CSS property to change the border of an element to YIQ 125.9690, 72.3470, 15.9550 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(205, 96, 73) }
```


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

```
.border{ border-color:rgb(205, 96, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 96, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 96, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 96, 73);  
box-shadow:4px 4px 4px 4px rgb(205, 96,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 125.9690, 72.3470, 15.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 96, 73) }
```

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

```
.background{ background-color: rgb(205, 96,  
73) }
```

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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