

Converting Colors

YIQ(125.0330, 66.2950, 15.5030)

Have a look what the booklet for
YIQ(125.0330, 66.2950, 15.5030)
contains.

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Color

**YIQ(125.0330, 66.2950,
15.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	C6614E
RGB	198, 97, 78
RGB Percent	78%, 38%, 31%
CMY	0.2233, 0.6197, 0.6938
CMYK	0.00, 0.51, 0.61, 0.22
HSL	9°, 51%, 54%
HSV	9°, 61%, 78%
XYZ	28.9525, 21.1063, 9.7690
YIQ	125.0330, 66.2950, 15.5030

Conversions

Conversions Part 2

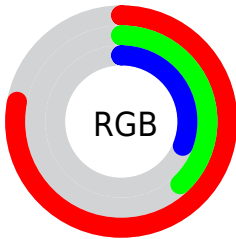
Format	Color
RYB	198, 101, 78
Decimal	13001038
CIELab	53.07, 38.73, 29.54
CIELCh	53, 48.709, 37.339
Yxy	21.1063, 0.4839, 0.3528
Android (android.graphics.Color)	4291191118 (0xFFC6614E)
YUV	125.0330, -23.1873, 63.9921
Hunter-Lab	45.9416, 32.0934, 19.5517

Details

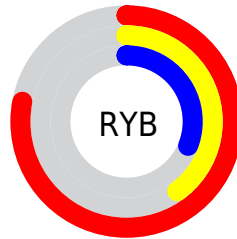
The YIQ color **125.0330, 66.2950, 15.5030** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **150.9670, -66.2950, -15.5030**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7730, 69.9630, 15.1070**, and **72.3250, 59.6010, 15.6730** is the 20% darker color. If you saturate the color by 10%, you get **112.7740, 77.3900, 18.1740**, and if you desaturate by 10%, it is **137.2920, 55.2000, 12.8320**.

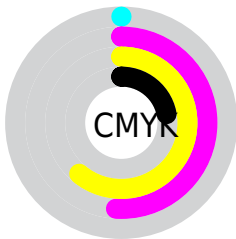
Distribution



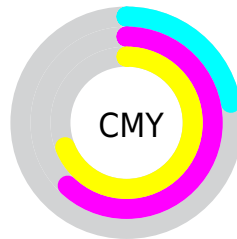
- Red (78%)
- Green (38%)
- Blue (31%)



- Red (78%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (22%)





- Cyan (22%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.0330, 66.2950, 15.5030 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 125.0330, 66.2950, 15.5030 by changing the saturation by 10% instead.


 125.0330, 66.2950,
15.5030


 125.0330, 66.2950,
15.5030


255.0000, -0.0000,
-0.0000


 98.1790, 62.9480,
15.5880


 178.8870, 69.6420,
15.4180


 72.3250, 59.6010,
15.6730


 197.7000, 53.8710,
9.3830

 45.4110, 56.4830,
17.1150


 217.1000, 37.8250,
2.8250

 24.5180, 48.8720,
17.3840

 237.3150, 20.8620,
-3.6340

 16.4450, 32.7800,
11.6600

 252.8340, 6.0990,
-5.9090

 5.9800, 11.9200,
4.2400

 0.0000, 0.0000,

0.0000

■ 125.0330, 66.2950,
15.5030

■ 125.0330, 66.2950,
15.5030

■ 112.7740, 77.3900,
18.1740

■ 137.2920, 55.2000,
12.8320

■ 101.1020, 88.2100,
20.3220

■ 148.9640, 44.3800,
10.6840

■ 88.9570, 98.9840,
23.3040

■ 161.1090, 33.6060,
7.7020

■ 77.3990, 109.4830,
25.7630

■ 173.3680, 22.5110,
5.0310

■ 185.0400, 11.6910,
2.8830

■ 197.2990, 0.5960,
0.2120

■ 209.5580,
-10.4990, -2.4590

■ 221.2300,
-21.3190, -4.6070

■ 233.2610,
-31.7720, -7.9000

Harmonies

Analogous

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



126.3920, 58.6350, 33.1870



125.0330, 66.2950, 15.5030



124.0140, 58.1380, -7.3820

Triad

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



125.0330, 66.2950, 15.5030



100.2020, -60.7880, -43.7320



117.9130, -65.0620, 11.7220

Complementary

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



125.0330, 66.2950, 15.5030



150.9670, -66.2950, -15.5030

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.



105.4360, -103.9840, -9.7760



125.0330, 66.2950, 15.5030



101.7930, -84.0810, -34.5850

Square

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



125.0330, 66.2950, 15.5030



116.3820, 0.4190, -35.1410



105.7660, -96.6460, -21.6220



129.7310, -8.1670, 32.3850

Rectangle

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



125.0330, 66.2950, 15.5030



122.1660, 45.4860, -20.3860



105.7660, -96.6460, -21.6220



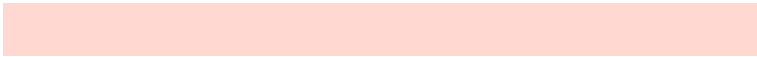
101.4240, -103.7100, -3.7260

Sweetspot

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



125.0330, 66.2950, 15.5030



226.8630, 25.4910, 6.0910



125.5080, 38.7780, 57.1620



110.6060, 15.9090, 3.5330



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.



125.0330, 66.2950, 15.5030



141.6370, 102.8810, 24.2650



159.6660, 50.0700, -15.3540



93.2780, 5.0890, 1.3850



63.9990, 89.9980, 20.9580



14.2860, 19.8060, 4.4940

Inverse Universe

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



150.9670, -66.2950, -15.5030



182.3630, -102.8810, -24.2650



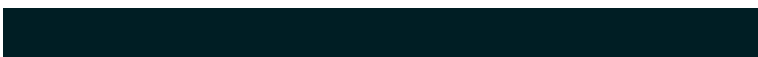
116.3340, -50.0700, 15.3540



95.7220, -5.0890, -1.3850



99.5880, -90.2730, -21.4810



21.7140, -19.8060, -4.4940

Previews

White Background



This preview shows how the YIQ color 125.0330, 66.2950, 15.5030 looks on a white background.

Color Contrast Check

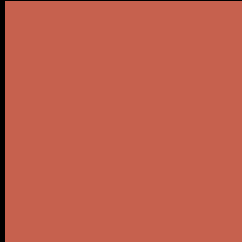
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.0330, 66.2950, 15.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

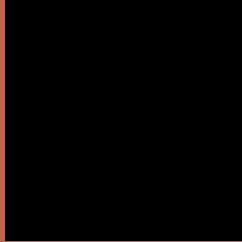
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.0330, 66.2950, 15.5030

Background



This preview shows how black text looks on a background with the YIQ color 125.0330, 66.2950, 15.5030.



This preview shows how white text looks on a background with the YIQ color 125.0330, 66.2950,

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

125.0330, 66.2950, 15.5030

Protanopia

125.7720, 17.8370, -9.3870

Deuteranopia

125.6940, 35.6720, -7.7200



Tritanopia

126.0790, 60.6540, 24.1260

Trichromacy



Original Color

125.0330, 66.2950, 15.5030

Protanomaly

125.4370, 35.2580, -0.2140

Deuteranomaly

125.4230, 47.0410, 1.0010

Tritanomaly

125.7540, 62.9470, 21.1150

Monochromacy



Original Color

125.0330, 66.2950, 15.5030

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2650, 24.2990, 5.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.0330, 66.2950, 15.5030 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(198, 97, 78)` looks like.

```
.text, #text, p{  
    color:rgb(198, 97, 78)  
}
```

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(198, 97, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 97, 78) }
```

Border

The CSS property to change the border of an element to YIQ 125.0330, 66.2950, 15.5030 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(198, 97, 78) }
```


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

```
.border{ border-color:rgb(198, 97, 78) }
```

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

Here you see how a box with a 4 pixel rgb(198, 97, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 97, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 97, 78);  
box-shadow:4px 4px 4px 4px rgb(198, 97,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 125.0330, 66.2950, 15.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 97, 78) }
```

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

```
.background{ background-color: rgb(198, 97,  
78) }
```

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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