

Converting Colors

YIQ(122.5250, 73.3570, 8.6610)

Have a look what the booklet for
YIQ(122.5250, 73.3570, 8.6610)
contains.

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Color

**YIQ(122.5250, 73.3570,
8.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	C66138
RGB	198, 97, 56
RGB Percent	78%, 38%, 22%
CMY	0.2233, 0.6197, 0.7801
CMYK	0.00, 0.51, 0.72, 0.22
HSL	17°, 56%, 50%
HSV	17°, 72%, 78%
XYZ	28.2897, 20.8411, 6.2836
YIQ	122.5250, 73.3570, 8.6610

Conversions

Conversions Part 2

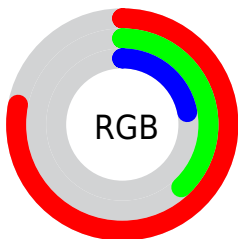
Format	Color
R_{YB}	198, 114, 56
Decimal	13001016
CIE _{Lab}	52.78, 37.39, 41.29
CIE _{LCh}	53, 55.704, 47.836
Yxy	20.8411, 0.5105, 0.3761
Android (android.graphics.Color)	4291191096 (0xFFC66138)
YUV	122.5250, -32.7968, 66.1916
Hunter-Lab	45.6520, 30.7222, 23.7956

Details

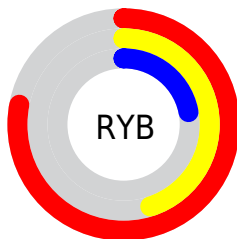
The YIQ color **122.5250, 73.3570, 8.6610** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **131.4750, -73.3570, -8.6610**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2650, 77.0250, 8.2650**, and **69.7630, 66.7550, 7.1630** is the 20% darker color. If you saturate the color by 10%, you get **112.0270, 83.6270, 9.7630**, and if you desaturate by 10%, it is **133.0230, 63.0870, 7.5590**.

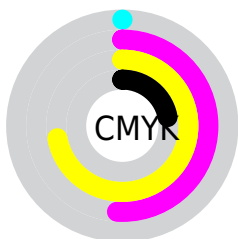
Distribution



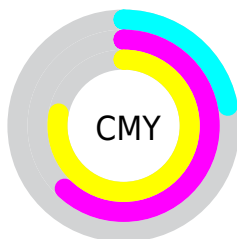
- Red (78%)
- Green (38%)
- Blue (22%)



- Red (78%)
- Yellow (45%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5250, 73.3570, 8.6610 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 122.5250, 73.3570, 8.6610 by changing the saturation by 10% instead.

122.5250, 73.3570,
8.6610

122.5250, 73.3570,
8.6610

255.0000, -0.0000,
-0.0000

96.2580, 69.7350,
8.2230

175.6780, 77.3000,
8.7880

69.7630, 66.7550,
7.1630

194.9640, 61.5750,
1.9190

44.3310, 59.4640,
12.6480

214.4780, 45.2080,
-4.3280

23.9200, 47.6800,
16.9600

233.9920, 28.8410,
-10.5750

15.8470, 31.5880,
11.2360

250.0980, 13.8030,
-13.3730

4.4850, 8.9400,
3.1800

253.4040, 4.4940,

0.0000, 0.0000,

-4.3540

0.0000

■ 122.5250, 73.3570,
8.6610

■ 122.5250, 73.3570,
8.6610

■ 112.0270, 83.6270,
9.7630

■ 133.0230, 63.0870,
7.5590

■ 101.5290, 93.8970,
10.8650

■ 143.5210, 52.8170,
6.4570

■ 92.6610, 102.3330,
12.1650

■ 153.9050, 42.8680,
5.0440

■ 164.4030, 32.5980,
3.9420

■ 174.9010, 22.3280,
2.8400

■ 185.9860, 11.7830,
1.2150

■ 196.4840, 1.5130,
0.1130

■ 206.9820, -8.7570,
-0.9890

■ 217.3660,
-18.7060, -2.4020

Harmonies

Analogous

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



122.2210, 72.2980, 33.3700



122.5250, 73.3570, 8.6610



120.8210, 59.6990, -19.1570

Triad

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



122.5250, 73.3570, 8.6610



98.1450, -73.8090, -44.5370



121.8920, -51.4010, 22.9590

Complementary

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



122.5250, 73.3570, 8.6610



131.4750, -73.3570, -8.6610

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.



105.4990, -108.2950, -3.2310



122.5250, 73.3570, 8.6610



105.0190, -90.4090, -30.0330

Square

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



122.5250, 73.3570, 8.6610



109.2870, -18.6070, -42.7590



108.0460, -103.0660, -15.4020



129.5100, 8.9330, 41.8690

Rectangle

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



122.5250, 73.3570, 8.6610



118.2930, 43.1500, -33.1220



108.0460, -103.0660, -15.4020



109.9090, -85.6020, 9.5180

Sweetspot

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



122.5250, 73.3570, 8.6610



225.1360, 28.9760, 3.5040



110.0860, 51.8900, 61.8260



110.0360, 17.5140, 1.9780



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.



122.5250, 73.3570, 8.6610



138.4620, 113.1990, 13.4790



163.6150, 54.1070, -27.9490



93.8650, 4.8140, 0.8620



76.3260, 84.2230, 9.9750



16.6340, 18.7060, 2.4020

Inverse Universe

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



131.4750, -73.3570, -8.6610



152.5380, -113.1990, -13.4790



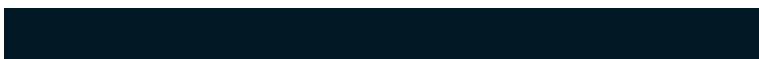
90.3850, -54.1070, 27.9490



95.1350, -4.8140, -0.8620



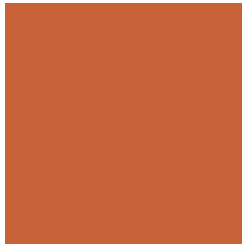
86.6740, -84.2230, -9.9750



18.7790, -18.4310, -1.8790

Previews

White Background



This preview shows how the YIQ color 122.5250, 73.3570, 8.6610 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 122.5250, 73.3570, 8.6610 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 122.5250, 73.3570, 8.6610

Background



This preview shows how black text looks on a background with the YIQ color 122.5250, 73.3570, 8.6610.



This preview shows how white text looks on a background with the YIQ color 122.5250, 73.3570,

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

122.5250, 73.3570, 8.6610

Protanopia

123.8190, 27.6500, -16.5260

Deuteranopia

123.0830, 44.5220, -13.9260



Tritanopia

124.9760, 62.4420, 24.7620

Trichromacy



Original Color

122.5250, 73.3570, 8.6610

Protanomaly

123.2990, 44.1540, -7.2540

Deuteranomaly

123.1000, 55.0200, -5.9400

Tritanomaly

124.1410, 66.1110, 18.8390

Monochromacy



Original Color

122.5250, 73.3570, 8.6610

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0540, 26.2710, 2.9670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5250, 73.3570, 8.6610 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(198, 97, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 97, 56) }
```

Border

The CSS property to change the border of an element to YIQ 122.5250, 73.3570, 8.6610 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, 56) }
```


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

```
.border{ border-color:rgb(198, 97, 56) }
```

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, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 97, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 97, 56);  
box-shadow:4px 4px 4px 4px rgb(198, 97,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5250, 73.3570, 8.6610 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, 56) }
```

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

```
.background{ background-color: rgb(198, 97,  
56) }
```

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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