

Converting Colors

YIQ(121.4830, 73.1750, 0.9430)

Have a look what the booklet for
YIQ(121.4830, 73.1750, 0.9430)
contains.

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Color

**YIQ(121.4830, 73.1750,
0.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	C0652A
RGB	192, 101, 42
RGB Percent	75%, 40%, 16%
CMY	0.2469, 0.6040, 0.8350
CMYK	0.00, 0.47, 0.78, 0.25
HSL	24°, 64%, 46%
HSV	24°, 78%, 75%
XYZ	26.8192, 20.6801, 4.7767
YIQ	121.4830, 73.1750, 0.9430

Conversions

Conversions Part 2

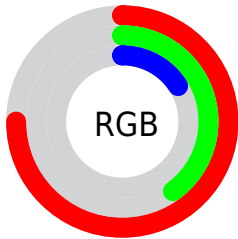
Format	Color
R _Y B	192, 139, 42
Decimal	12608810
CIE Lab	52.60, 32.27, 47.73
CIE LCh	53, 57.619, 55.941
Yxy	20.6801, 0.5130, 0.3956
Android (android.graphics.Color)	4290798890 (0xFFC0652A)
YUV	121.4830, -39.1851, 61.8434
Hunter-Lab	45.4754, 25.6889, 25.6051

Details

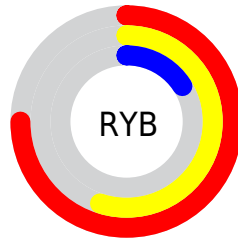
The YIQ color **121.4830, 73.1750, 0.9430** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **112.5170, -73.1750, -0.9430**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.8320, 79.5020, 1.9180**, and **69.9920, 64.3720, 0.7880** is the 20% darker color. If you saturate the color by 10%, you get **112.2730, 82.5740, 1.3100**, and if you desaturate by 10%, it is **130.6930, 63.7760, 0.5760**.

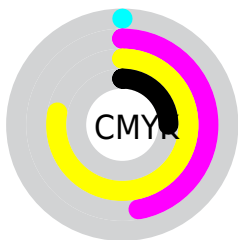
Distribution



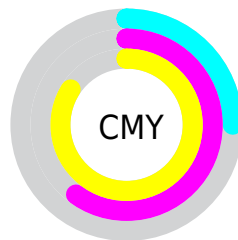
- Red (75%)
- Green (40%)
- Blue (16%)



- Red (75%)
- Yellow (55%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (78%)
- Black (25%)





- Cyan (25%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.4830, 73.1750, 0.9430 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 121.4830, 73.1750, 0.9430 by changing the saturation by 10% instead.


 121.4830, 73.1750,
0.9430


 121.4830, 73.1750,
0.9430


255.0000, -0.0000,
-0.0000


 94.8740, 70.5160,
-0.4280


 176.2450, 79.7770,
2.4410


 69.9920, 64.3720,
0.7880


 195.2430, 64.9230,
-3.6930


 47.2330, 53.6880,
7.1920


 214.6430, 48.8770,
-10.2510

 23.0120, 44.4250,
15.3770

 234.7440, 32.2350,
-17.0210

 14.6510, 29.2040,
10.3880

 248.5020, 18.2970,
-17.7270

 0.2990, 0.5960,
0.2120

 251.6940, 9.3090,

 0.0000, 0.0000,

-9.0190

0.0000

■ 121.4830, 73.1750,
0.9430

■ 121.4830, 73.1750,
0.9430

■ 112.2730, 82.5740,
1.3100

■ 130.6930, 63.7760,
0.5760

■ 103.6500, 91.6980,
1.1540

■ 139.3160, 54.6520,
0.7320

■ 101.4330, 93.8070,
1.4790

■ 148.6400, 44.9320,
0.6760

■ 157.8500, 35.5330,
0.3090

■ 166.4730, 26.4090,
0.4650

■ 175.6830, 17.0100,
0.0980

■ 185.0070, 7.2900,
0.0420

■ 193.6300, -1.8340,
0.1980

■ 202.8400,
-11.2330, -0.1690

Harmonies

Analogous

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



121.2120, 76.5170, 28.4930



121.4830, 73.1750, 0.9430



118.2410, 58.0960, -28.6560

Triad

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



121.4830, 73.1750, 0.9430



100.2140, -78.2570, -41.0170



125.5030, -33.8880, 30.4640

Complementary

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



121.4830, 73.1750, 0.9430



112.5170, -73.1750, -0.9430

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.



103.7210, -108.8000, 0.4160



121.4830, 73.1750, 0.9430



105.9140, -94.3070, -25.4670

Square

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



121.4830, 73.1750, 0.9430



101.7340, -42.0350, -47.6910



108.1260, -106.0470, -10.9350



128.8600, 22.6870, 45.9110

Rectangle

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



121.4830, 73.1750, 0.9430



115.2980, 35.5860, -39.2140



108.1260, -106.0470, -10.9350



119.5320, -59.1950, 21.0370

Sweetspot

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



121.4830, 73.1750, 0.9430



222.8430, 28.2430, 0.2670



97.4520, 59.5470, 60.7230



108.6830, 17.0100, 0.0980



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.4830, 73.1750, 0.9430



139.2690, 114.7600, 1.7040



164.9210, 52.8250, -37.7590



92.3380, 4.8600, 0.0280



85.1200, 78.6310, 1.1830



17.4980, 16.0930, 0.1970

Inverse Universe

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



112.5170, -73.1750, -0.9430



125.7310, -114.7600, -1.7040



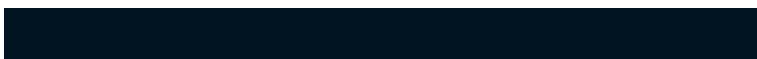
69.6660, -53.1000, 37.2360



91.6620, -4.8600, -0.0280



75.8800, -78.6310, -1.1830



15.5020, -16.0930, -0.1970

Previews

White Background



This preview shows how the YIQ color 121.4830, 73.1750, 0.9430 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 121.4830, 73.1750, 0.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

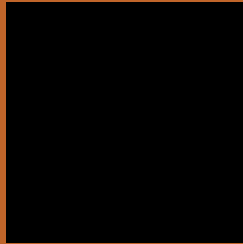
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.4830, 73.1750, 0.9430

Background



This preview shows how black text looks on a background with the YIQ color 121.4830, 73.1750, 0.9430.



This preview shows how white text looks on a background with the YIQ color 121.4830, 73.1750,

0.9430.

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

121.4830, 73.1750, 0.9430

Protanopia

121.7070, 33.6570, -20.7670

Deuteranopia

121.7860, 49.6120, -18.0680



Tritanopia

125.5840, 57.6740, 23.0660

Trichromacy



Original Color

121.4830, 73.1750, 0.9430

Protanomaly

121.7630, 48.4190, -12.9650

Deuteranomaly

121.4930, 58.0470, -11.2410

Tritanomaly

124.0650, 63.2690, 15.2770

Monochromacy



Original Color

121.4830, 73.1750, 0.9430

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.3590, 26.7300, 0.1540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4830, 73.1750, 0.9430 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(192, 101, 42)` looks like.

```
.text, #text, p{  
    color:rgb(192, 101, 42)  
}
```

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(192, 101, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 101, 42) }
```

Border

The CSS property to change the border of an element to YIQ 121.4830, 73.1750, 0.9430 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(192, 101, 42) }
```


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

```
.border{ border-color:rgb(192, 101, 42) }
```

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

Here you see how a box with a 4 pixel rgb(192, 101, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 101, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 101, 42);  
box-shadow:4px 4px 4px 4px rgb(192, 101,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4830, 73.1750, 0.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 101, 42) }
```

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

```
.background{ background-color: rgb(192,  
101, 42) }
```

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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