

Converting Colors

YIQ(121.4890, 90.2330,
-10.8470)

Have a look what the booklet for
YIQ(121.4890, 90.2330, -10.8470)
contains.

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Color

**YIQ(121.4890, 90.2330,
-10.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	C96803
RGB	201, 104, 3
RGB Percent	79%, 41%, 1%
CMY	0.2116, 0.5923, 0.9878
CMYK	0.00, 0.48, 0.98, 0.21
HSL	31°, 97%, 40%
HSV	31°, 98%, 79%
XYZ	29.0621, 22.3226, 2.8663
YIQ	121.4890, 90.2330, -10.8470

Conversions

Conversions Part 2

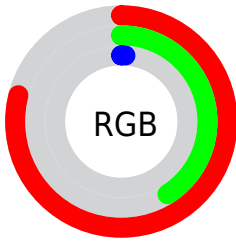
Format	Color
R_{YB}	193, 201, 3
Decimal	13199363
CIE Lab	54.37, 33.54, 61.83
CIE LCh	54, 70.339, 61.523
Yxy	22.3226, 0.5357, 0.4115
Android (android.graphics.Color)	4291389443 (0xFFC96803)
YUV	121.4890, -58.4151, 69.7311
Hunter-Lab	47.2468, 27.1157, 29.4759

Details

The YIQ color **121.4890, 90.2330, -10.8470** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **82.5110, -90.2330, 10.8470**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.3410, 87.8940, -7.0020**, and **74.1450, 68.3150, 0.9150** is the 20% darker color. If you saturate the color by 10%, you get **119.9730, 91.7460, -10.7340**, and if you desaturate by 10%, it is **129.6390, 81.0630, -9.8570**.

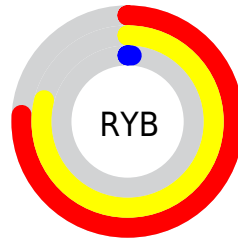
Distribution



Red (79%)

Green (41%)

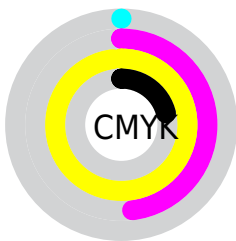
Blue (1%)



Red (76%)

Yellow (79%)

Blue (1%)

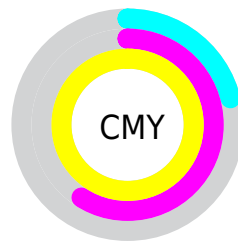


Cyan (0%)

Magenta (48%)

Yellow (98%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.4890, 90.2330, -10.8470 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 121.4890, 90.2330, -10.8470 by changing the saturation by 10% instead.

121.4890, 90.2330,
-10.8470

121.4890, 90.2330,
-10.8470

255.0000, -0.0000,
-0.0000

97.2030, 79.5950,
-5.2770

175.3410, 87.8940,
-7.0020

74.1450, 68.3150,
0.9150

194.8550, 71.5270,
-13.2490

50.5000, 57.3100,
7.6300

213.6680, 55.7560,
-19.2840

25.9800, 47.4510,
15.6030

233.7690, 39.1140,
-26.0540

16.1460, 32.1840,
11.4480

245.7660, 26.0010,
-25.1910

6.2790, 12.5160,
4.4520

248.9580, 17.0130,

0.0000, 0.0000,

-16.4830

0.0000

252.2640, 7.7040,
-7.4640

121.4890, 90.2330,
-10.8470

121.4890, 90.2330,
-10.8470

119.9730, 91.7460,
-10.7340

129.6390, 81.0630,
-9.8570

137.7890, 71.8930,
-8.8670

145.9390, 62.7230,
-7.8770

153.6160, 53.5070,
-6.0530

161.7660, 44.3370,
-5.0630

■ 169.9160, 35.1670,
-4.0730

■ 178.0660, 25.9970,
-3.0830

■ 186.2160, 16.8270,
-2.0930

■ 194.3660, 7.6570,
-1.1030

Harmonies

Analogous

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



120.4870, 94.8560, 32.0400



121.4890, 90.2330, -10.8470



121.1820, 56.5840, -34.2960

Triad

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



121.4890, 90.2330, -10.8470



107.0930, -85.2260, -41.3700



131.4040, -28.7550, 42.0690

Complementary

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



121.4890, 90.2330, -10.8470



82.5110, -90.2330, 10.8470

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.



109.2610, -118.8880, 7.0320



121.4890, 90.2330, -10.8470



114.0470, -104.8070, -22.3990

Square

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



121.4890, 90.2330, -10.8470



97.5630, -63.9030, -58.8710



115.6550, -117.6020, -5.2660



129.5020, 38.9150, 60.1870

Rectangle

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



121.4890, 90.2330, -10.8470



116.5650, 30.0400, -48.8400



115.6550, -117.6020, -5.2660



124.5570, -60.3430, 30.8330

Sweetspot

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



121.4890, 90.2330, -10.8470



224.0300, 34.8460, -3.7620



73.4880, 86.2290, 72.7650



109.2550, 21.0910, -2.2770



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.



121.4890, 90.2330, -10.8470



152.5550, 116.2300, -13.9300



178.4280, 63.5580, -61.5780



95.6260, 3.9890, -0.7070



97.4580, 74.3230, -8.8530



21.3300, 16.5060, -1.7820

Inverse Universe

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



82.5110, -90.2330, 10.8470



102.4450, -116.2300, 13.9300



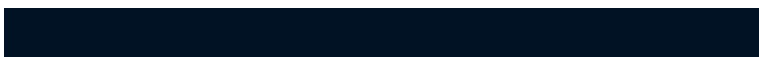
25.5720, -63.5580, 61.5780



93.3740, -3.9890, 0.7070



65.5420, -74.3230, 8.8530



14.6700, -16.5060, 1.7820

Previews

White Background



This preview shows how the YIQ color 121.4890, 90.2330, -10.8470 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 121.4890, 90.2330, -10.8470 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 121.4890, 90.2330, -10.8470

Background



This preview shows how black text looks on a background with the YIQ color 121.4890, 90.2330, -10.8470.



This preview shows how white text looks on a background with the YIQ color 121.4890, 90.2330, -10.8470.

-10.8470.

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

121.4890, 90.2330, -10.8470

Protanopia

122.7880, 46.1300, -32.0620

Deuteranopia

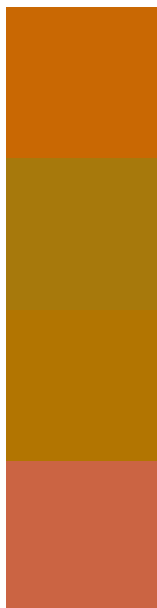
122.1230, 64.2400, -29.8720



Tritanopia

129.6770, 61.8460, 24.5500

Trichromacy



Original Color

121.4890, 90.2330, -10.8470

Protanomaly

122.3280, 62.4050, -24.1470

Deuteranomaly

122.0150, 73.5920, -23.1440

Tritanomaly

127.0350, 71.9810, 11.5730

Monochromacy



Original Color

121.4890, 90.2330, -10.8470

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.2470, 32.7370, -4.0870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4890, 90.2330, -10.8470 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(201, 104, 3)` looks like.

```
.text, #text, p{  
    color:rgb(201, 104, 3)  
}
```

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(201, 104, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 104, 3) }
```

Border

The CSS property to change the border of an element to YIQ 121.4890, 90.2330, -10.8470 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(201, 104, 3) }
```


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

```
.border{ border-color:rgb(201, 104, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 104, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 104, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 104, 3);  
box-shadow:4px 4px 4px 4px rgb(201, 104,  
3) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4890, 90.2330, -10.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 104, 3) }
```

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

```
.background{ background-color: rgb(201,  
104, 3) }
```

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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