

Converting Colors

YIQ(110.6330, 90.3680, 3.2320)

Have a look what the booklet for
YIQ(110.6330, 90.3680, 3.2320)
contains.

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Color

**YIQ(110.6330, 90.3680,
3.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	C75410
RGB	199, 84, 16
RGB Percent	78%, 33%, 6%
CMY	0.2194, 0.6707, 0.9368
CMYK	0.00, 0.58, 0.92, 0.22
HSL	22°, 85%, 42%
HSV	22°, 92%, 78%
XYZ	26.8297, 18.5210, 2.6552
YIQ	110.6330, 90.3680, 3.2320

Conversions

Conversions Part 2

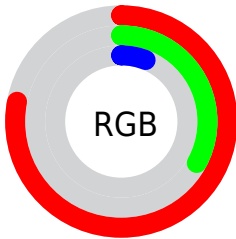
Format	Color
R_{YB}	199, 124, 16
Decimal	13063184
CIE _{Lab}	50.12, 42.98, 56.01
CIE _{LCh}	50, 70.599, 52.495
Yxy	18.5210, 0.5589, 0.3858
Android (android.graphics.Color)	4291253264 (0xFFC75410)
YUV	110.6330, -46.6541, 77.4979
Hunter-Lab	43.0361, 35.9681, 26.4673

Details

The YIQ color **110.6330, 90.3680, 3.2320** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **104.3670, -90.3680, -3.2320**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5300, 92.1560, 3.8680**, and **59.1600, 73.1270, 12.8310** is the 20% darker color. If you saturate the color by 10%, you get **102.9390, 98.2540, 3.4860**, and if you desaturate by 10%, it is **119.9570, 80.6480, 3.1760**.

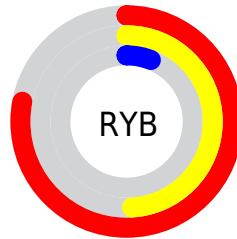
Distribution



Red (78%)

Green (33%)

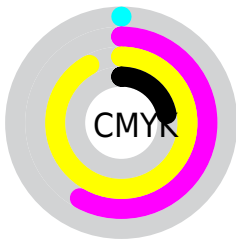
Blue (6%)



Red (78%)

Yellow (49%)

Blue (6%)

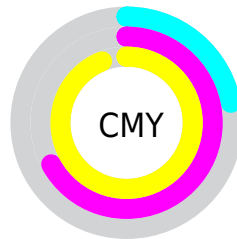


Cyan (0%)

Magenta (58%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.6330, 90.3680, 3.2320 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 110.6330, 90.3680, 3.2320 by changing the saturation by 10% instead.

■ 110.6330, 90.3680,
3.2320

■ 110.6330, 90.3680,
3.2320

■ 255.0000, -0.0000,
-0.0000

■ 84.2780, 84.1780,
5.2820

■ 164.6440, 91.8350,
4.1790

■ 59.1600, 73.1270,
12.8310

■ 183.3430, 76.3850,
-2.1670

■ 31.9930, 63.7720,
22.6840

■ 202.7430, 60.3390,
-8.7250

■ 23.3220, 46.4880,
16.5360

■ 222.2570, 43.9720,
-14.9720

■ 15.7760, 30.3500,
11.6460

■ 242.3580, 27.3300,
-21.7420

■ 0.2990, 0.5960,
0.2120

■ 249.0720, 16.6920,

■ 0.0000, 0.0000,

-16.1720

0.0000

■ 252.3780, 7.3830,
-7.1530

■ 110.6330, 90.3680,
3.2320

■ 110.6330, 90.3680,
3.2320

■ 102.9390, 98.2540,
3.4860

■ 119.9570, 80.6480,
3.1760

■ 129.8680, 70.6530,
2.5970

■ 139.7790, 60.6580,
2.0180

■ 149.1030, 50.9380,
1.9620

■ 159.0140, 40.9430,
1.3830

■ 168.3380, 31.2230,
1.3270

■ 178.1350, 21.5490,
0.4370

■ 187.4590, 11.8290,
0.3810

■ 197.3700, 1.8340,
-0.1980

Harmonies

Analogous

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



105.6800, 93.2950, 43.8150



110.6330, 90.3680, 3.2320



112.1000, 63.0470, -24.7690

Triad

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



110.6330, 90.3680, 3.2320



96.1560, -72.3420, -43.5900



113.7420, -59.4260, 30.7340

Complementary

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



110.6330, 90.3680, 3.2320



104.3670, -90.3680, -3.2320

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.



104.1430, -112.7440, 5.8160



110.6330, 90.3680, 3.2320



103.8110, -92.5190, -24.8310

Square

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



110.6330, 90.3680, 3.2320



86.3980, -50.3770, -61.7130



107.7500, -107.7440, -7.7120



120.1130, 20.8970, 56.3290

Rectangle

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



110.6330, 90.3680, 3.2320



109.5540, 37.7410, -39.7230



107.7500, -107.7440, -7.7120



96.3980, -108.8480, 12.3040

Sweetspot

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



110.6330, 90.3680, 3.2320



220.4910, 35.1660, 1.4540



83.9410, 71.8320, 74.8720



106.5480, 21.8240, 0.9600



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.



110.6330, 90.3680, 3.2320



132.0100, 125.8550, 4.3750



164.0500, 65.3430, -44.3610



94.4520, 4.5390, 0.3390



84.5440, 80.3730, 2.6530



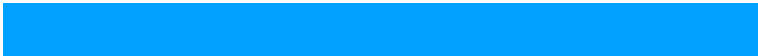
18.3950, 17.8810, 0.8330

Inverse Universe

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



104.3670, -90.3680, -3.2320



122.9900, -125.8550, -4.3750



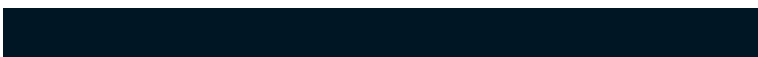
51.5370, -65.6180, 43.8380



94.5480, -4.5390, -0.3390



79.0430, -80.6480, -3.1760



17.0180, -17.6060, -0.3100

Previews

White Background



This preview shows how the YIQ color 110.6330, 90.3680, 3.2320 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 110.6330, 90.3680, 3.2320 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 110.6330, 90.3680, 3.2320

Background



This preview shows how black text looks on a background with the YIQ color 110.6330, 90.3680, 3.2320.



This preview shows how white text looks on a background with the YIQ color 110.6330, 90.3680,

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

110.6330, 90.3680, 3.2320

Protanopia

113.7690, 39.1140, -26.0540

Deuteranopia

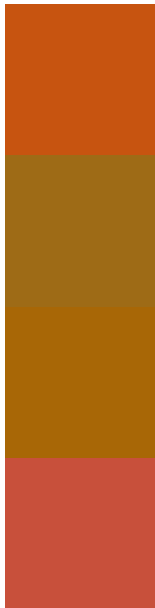
112.0670, 58.6460, -27.6100



Tritanopia

115.3470, 71.7030, 27.6310

Trichromacy



Original Color

110.6330, 90.3680, 3.2320

Protanomaly

112.5590, 57.6810, -15.6230

Deuteranomaly

111.3770, 69.8770, -16.3870

Tritanomaly

113.4860, 78.2610, 18.9090

Monochromacy



Original Color

110.6330, 90.3680, 3.2320

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.7080, 33.0570, 1.1290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6330, 90.3680, 3.2320 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(199, 84, 16)` looks like.

```
.text, #text, p{  
    color:rgb(199, 84, 16)  
}
```

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(199, 84, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 84, 16) }
```

Border

The CSS property to change the border of an element to YIQ 110.6330, 90.3680, 3.2320 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(199, 84, 16) }
```


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

```
.border{ border-color:rgb(199, 84, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 84, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 84, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 84, 16);  
box-shadow:4px 4px 4px 4px rgb(199, 84,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6330, 90.3680, 3.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 84, 16) }
```

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

```
.background{ background-color: rgb(199, 84,  
16) }
```

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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