

Converting Colors

YIQ(115.4010, 79.6380, 10.4700)

Have a look what the booklet for
YIQ(115.4010, 79.6380, 10.4700)
contains.

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Color

**YIQ(115.4010, 79.6380,
10.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	C6572D
RGB	198, 87, 45
RGB Percent	78%, 34%, 18%
CMY	0.2233, 0.6590, 0.8232
CMYK	0.00, 0.56, 0.77, 0.22
HSL	16°, 63%, 48%
HSV	16°, 77%, 78%
XYZ	27.1845, 19.0130, 4.7287
YIQ	115.4010, 79.6380, 10.4700

Conversions

Conversions Part 2

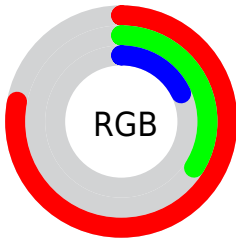
Format	Color
R_{YB}	198, 103, 45
Decimal	12998445
CIE _{Lab}	50.70, 41.92, 44.70
CIE _{LCh}	51, 61.284, 46.840
Yxy	19.0130, 0.5338, 0.3733
Android (android.graphics.Color)	4291188525 (0xFFC6572D)
YUV	115.4010, -34.7077, 72.4393
Hunter-Lab	43.6039, 34.9776, 24.0929

Details

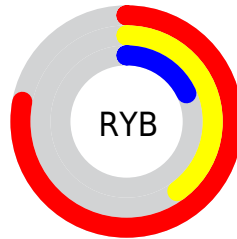
The YIQ color **115.4010, 79.6380, 10.4700** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **127.5990, -79.6380, -10.4700**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0270, 83.6270, 9.7630**, and **61.5080, 72.0270, 10.7390** is the 20% darker color. If you saturate the color by 10%, you get **104.9030, 89.9080, 11.5720**, and if you desaturate by 10%, it is **125.8990, 69.3680, 9.3680**.

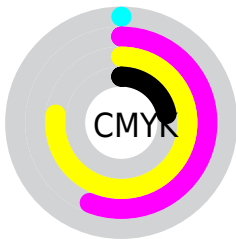
Distribution



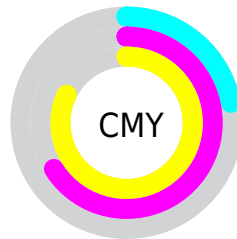
- Red (78%)
- Green (34%)
- Blue (18%)



- Red (78%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.4010, 79.6380, 10.4700 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 115.4010, 79.6380, 10.4700 by changing the saturation by 10% instead.

■ 115.4010, 79.6380,
10.4700

■ 115.4010, 79.6380,
10.4700

■ 255.0000, -0.0000,
-0.0000

■ 88.1340, 76.0160,
10.0320

■ 169.1410, 83.3060,
10.0740

■ 61.5080, 72.0270,
10.7390

■ 187.8400, 67.8560,
3.7280

■ 32.8790, 64.0930,
22.3730

■ 207.2400, 51.8100,
-2.8300

■ 23.3220, 46.4880,
16.5360

■ 226.7540, 35.4430,
-9.0770

■ 16.0750, 30.9460,
11.8580

■ 246.9690, 18.4800,
-15.5360

■ 1.4950, 2.9800,
1.0600

■ 251.9220, 8.6670,

■ 0.0000, 0.0000,

-8.3970

0.0000

■ 115.4010, 79.6380,
10.4700

■ 115.4010, 79.6380,
10.4700

■ 104.9030, 89.9080,
11.5720

■ 125.8990, 69.3680,
9.3680

■ 93.8180, 100.4530,
13.1970

■ 136.9840, 58.8230,
7.7430

■ 90.9000, 103.1580,
13.7340

■ 147.4820, 48.5530,
6.6410

■ 157.8660, 38.6040,
5.2280

■ 168.9510, 28.0590,
3.6030

■ 179.4490, 17.7890,
2.5010

■ 190.5340, 7.2440,
0.8760

■ 201.0320, -3.0260,
-0.2260

■ 211.4160,
-12.9750, -1.6390

Harmonies

Analogous

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



113.7320, 78.3490, 39.3490



115.4010, 79.6380, 10.4700



113.6060, 67.4940, -22.7620

Triad

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



115.4010, 79.6380, 10.4700



94.7710, -69.8200, -45.2440



113.3080, -64.3760, 21.3200

Complementary

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



115.4010, 79.6380, 10.4700



127.5990, -79.6380, -10.4700

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.



103.4930, -108.1580, -0.2060



115.4010, 79.6380, 10.4700



102.2150, -88.0250, -29.1850

Square

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



115.4010, 79.6380, 10.4700



101.3420, -20.4400, -48.0880



105.6980, -101.9660, -13.3100



124.1340, 7.2360, 45.0920

Rectangle

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



115.4010, 79.6380, 10.4700



111.6800, 46.3140, -35.3980



105.6980, -101.9660, -13.3100



97.8510, -106.0500, 5.6460

Sweetspot

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



115.4010, 79.6380, 10.4700



223.0330, 30.7640, 4.1400



103.5150, 55.2360, 67.2680



108.6340, 18.7060, 2.4020



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.



115.4010, 79.6380, 10.4700



127.0180, 123.3770, 16.2490



159.4260, 59.0130, -28.7550



93.8650, 4.8140, 0.8620



75.1520, 84.7730, 11.0210



16.6340, 18.7060, 2.4020

Inverse Universe

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



127.5990, -79.6380, -10.4700



145.9820, -123.3770, -16.2490



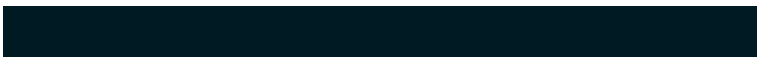
83.5740, -59.0130, 28.7550



95.1350, -4.8140, -0.8620



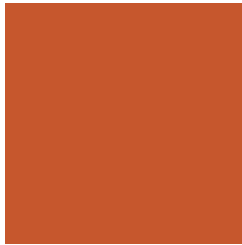
88.4350, -85.0480, -11.5440



19.3660, -18.7060, -2.4020

Previews

White Background



This preview shows how the YIQ color 115.4010, 79.6380, 10.4700 looks on a white background.

Color Contrast Check

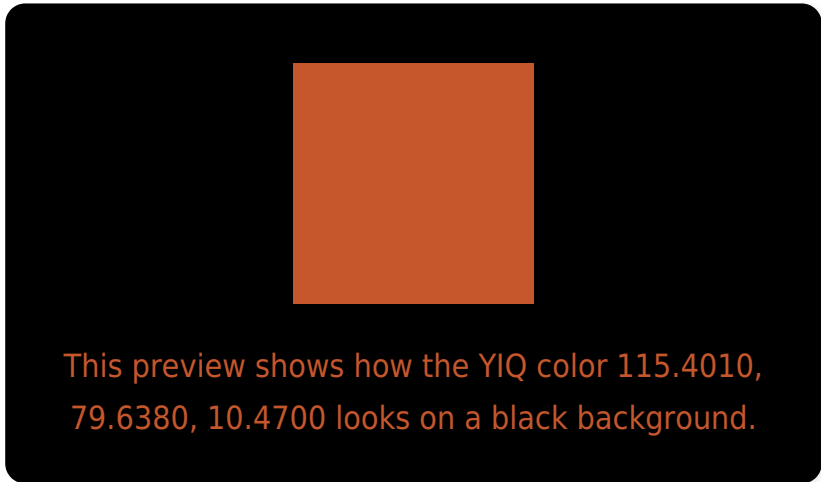
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 115.4010, 79.6380, 10.4700

Background



This preview shows how black text looks on a background with the YIQ color 115.4010, 79.6380, 10.4700.



This preview shows how white text looks on a background with the YIQ color 115.4010, 79.6380,

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

115.4010, 79.6380, 10.4700

Protanopia

117.6620, 29.5300, -17.5580

Deuteranopia

117.1710, 47.0900, -16.4140



Tritanopia

117.9660, 68.4020, 26.8820

Trichromacy



Original Color

115.4010, 79.6380, 10.4700

Protanomaly

117.0390, 47.8220, -7.6500

Deuteranomaly

116.7260, 59.0090, -6.6470

Tritanomaly

117.0170, 72.3920, 20.6480

Monochromacy



Original Color

115.4010, 79.6380, 10.4700

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2500, 28.6550, 3.8150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.4010, 79.6380, 10.4700 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, 87, 45)` looks like.

```
.text, #text, p{  
    color:rgb(198, 87, 45)  
}
```

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, 87, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 87, 45) }
```

Border

The CSS property to change the border of an element to YIQ 115.4010, 79.6380, 10.4700 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, 87, 45) }
```


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

```
.border{ border-color:rgb(198, 87, 45) }
```

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

Here you see how a box with a 4 pixel rgb(198, 87, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 87, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 87, 45);  
box-shadow:4px 4px 4px 4px rgb(198, 87,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 115.4010, 79.6380, 10.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 87, 45) }
```

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

```
.background{ background-color: rgb(198, 87,  
45) }
```

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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