

Converting Colors

YIQ(114.0920, 85.0020, 12.3780)

Have a look what the booklet for
YIQ(114.0920, 85.0020, 12.3780)
contains.

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Color

**YIQ(114.0920, 85.0020,
12.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5329
RGB	203, 83, 41
RGB Percent	80%, 33%, 16%
CMY	0.2037, 0.6747, 0.8388
CMYK	0.00, 0.59, 0.80, 0.20
HSL	16°, 66%, 48%
HSV	16°, 80%, 80%
XYZ	28.1379, 19.0453, 4.2995
YIQ	114.0920, 85.0020, 12.3780

Conversions

Conversions Part 2

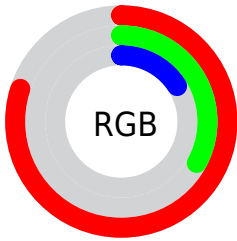
Format	Color
RYB	203, 98, 41
Decimal	13325097
CIELab	50.74, 45.56, 46.96
CIELCh	51, 65.435, 45.866
Yxy	19.0453, 0.5465, 0.3699
Android (android.graphics.Color)	4291515177 (0xFFCB5329)
YUV	114.0920, -36.0344, 77.9723
Hunter-Lab	43.6410, 38.7178, 24.7074

Details

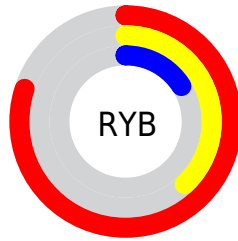
The YIQ color **114.0920, 85.0020, 12.3780** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **129.9080, -85.0020, -12.3780**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3370, 85.6900, 10.9220**, and **58.8940, 76.9320, 15.4600** is the 20% darker color. If you saturate the color by 10%, you get **103.0070, 95.5470, 14.0030**, and if you desaturate by 10%, it is **125.1770, 74.4570, 10.7530**.

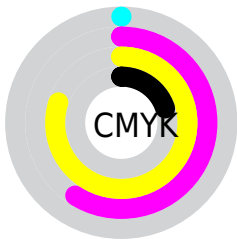
Distribution



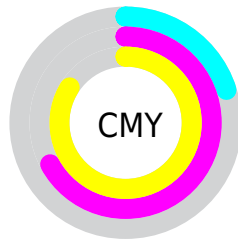
- Red (80%)
- Green (33%)
- Blue (16%)



- Red (80%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.0920, 85.0020, 12.3780 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 114.0920, 85.0020, 12.3780 by changing the saturation by 10% instead.

114.0920, 85.0020,
12.3780

114.0920, 85.0020,
12.3780

255.0000, -0.0000,
-0.0000

86.8250, 81.3800,
11.9400

166.3370, 85.6900,
10.9220

58.8940, 76.9320,
15.4600

185.0360, 70.2400,
4.5760

33.1890, 66.1560,
23.5320

204.4360, 54.1940,
-1.9820

24.5180, 48.8720,
17.3840

224.5370, 37.5520,
-8.7520

16.9720, 32.7340,
12.4940

244.6380, 20.9100,
-15.5220

4.1860, 8.3440,
2.9680

251.4660, 9.9510,

0.0000, 0.0000,

-9.6410

0.0000

254.6580, 0.9630,
-0.9330

■ 114.0920, 85.0020,
12.3780

■ 114.0920, 85.0020,
12.3780

■ 103.0070, 95.5470,
14.0030

■ 125.1770, 74.4570,
10.7530

■ 91.8080, 106.4130,
15.3170

■ 136.3760, 63.5910,
9.4390

■ 91.2210, 106.6880,
15.8400

■ 147.4610, 53.0460,
7.8140

■ 158.5460, 42.5010,
6.1890

■ 169.7450, 31.6350,
4.8750

■ 180.8300, 21.0900,
3.2500

■ 191.9150, 10.5450,
1.6250

■ 203.1140, -0.3210,
0.3110

■ 214.1990,
-10.8660, -1.3140

Harmonies

Analogous

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



111.4170, 83.8500, 44.2820



114.0920, 85.0020, 12.3780



113.9160, 69.5570, -21.6030

Triad

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



114.0920, 85.0020, 12.3780



95.0160, -69.1320, -46.7000



108.5390, -78.2680, 19.7800

Complementary

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



114.0920, 85.0020, 12.3780



129.9080, -85.0020, -12.3780

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.



105.4650, -110.9550, 0.9250



114.0920, 85.0020, 12.3780



102.8020, -88.3000, -29.7080

Square

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



114.0920, 85.0020, 12.3780



99.4080, -20.8060, -52.4700



106.7410, -103.5250, -12.5890



123.9430, 6.4560, 48.2160

Rectangle

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



114.0920, 85.0020, 12.3780



112.2780, 47.5060, -34.9740



106.7410, -103.5250, -12.5890



99.3500, -108.8930, 7.6110

Sweetspot

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



114.0920, 85.0020, 12.3780



221.6310, 31.9560, 4.5640



103.3460, 57.3900, 72.2860



107.3460, 19.5770, 3.1370



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.



114.0920, 85.0020, 12.3780



120.2360, 128.6950, 18.9910



161.0520, 63.0020, -29.4620



96.1640, 5.4100, 1.0740



74.8750, 87.1110, 12.7030



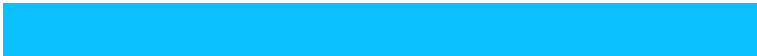
17.2320, 19.8980, 2.8260

Inverse Universe

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



129.9080, -85.0020, -12.3780



144.7640, -128.6950, -18.9910



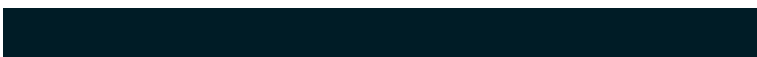
83.5350, -63.2770, 28.9390



97.2490, -5.1350, -0.5510



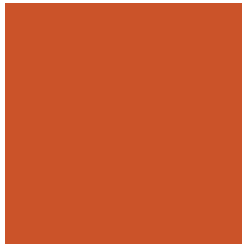
91.1250, -87.1110, -12.7030



20.7680, -19.8980, -2.8260

Previews

White Background



This preview shows how the YIQ color 114.0920, 85.0020, 12.3780 looks on a white background.

Color Contrast Check

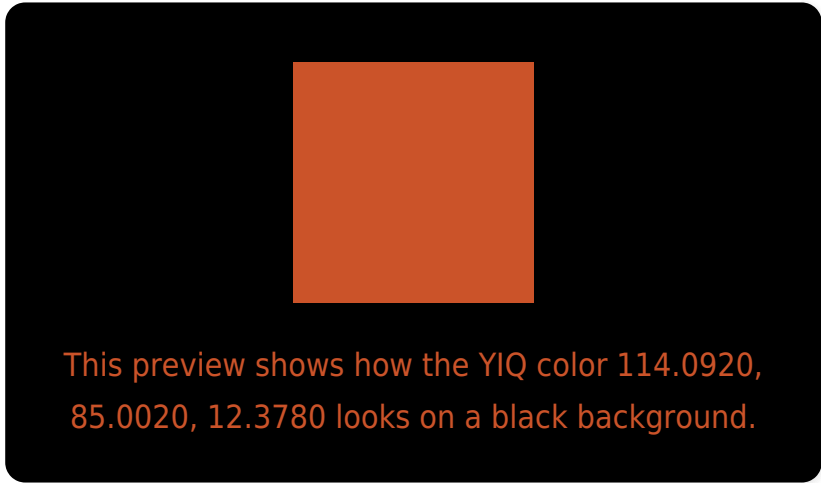
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0920, 85.0020, 12.3780

Background



This preview shows how black text looks on a background with the YIQ color 114.0920, 85.0020, 12.3780.



This preview shows how white text looks on a background with the YIQ color 114.0920, 85.0020,

12.3780.

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

114.0920, 85.0020, 12.3780

Protanopia

117.9070, 30.2180, -19.0140

Deuteranopia

116.7860, 49.6120, -18.0680



Tritanopia

116.5430, 74.0870, 28.4790

Trichromacy



Original Color

114.0920, 85.0020, 12.3780

Protanomaly

116.7080, 50.2520, -7.6360

Deuteranomaly

115.5800, 62.3560, -6.7320

Tritanomaly

115.7080, 77.7560, 22.5560

Monochromacy



Original Color

114.0920, 85.0020, 12.3780

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0330, 30.7640, 4.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.0920, 85.0020, 12.3780 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(203, 83, 41)` looks like.

```
.text, #text, p{  
    color:rgb(203, 83, 41)  
}
```

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(203, 83, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 83, 41) }
```

Border

The CSS property to change the border of an element to YIQ 114.0920, 85.0020, 12.3780 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(203, 83, 41) }
```


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

```
.border{ border-color:rgb(203, 83, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 83, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 83, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 83, 41);  
box-shadow:4px 4px 4px 4px rgb(203, 83,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 114.0920, 85.0020, 12.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 83, 41) }
```

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

```
.background{ background-color: rgb(203, 83,  
41) }
```

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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