

Converting Colors

YIQ(120.0850, 68.5440, 2.2720)

Have a look what the booklet for
YIQ(120.0850, 68.5440, 2.2720)
contains.

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Color

**YIQ(120.0850, 68.5440,
2.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6430
RGB	187, 100, 48
RGB Percent	73%, 39%, 19%
CMY	0.2665, 0.6080, 0.8114
CMYK	0.00, 0.47, 0.74, 0.27
HSL	22°, 59%, 46%
HSV	22°, 74%, 73%
XYZ	25.5932, 19.8918, 5.2955
YIQ	120.0850, 68.5440, 2.2720

Conversions

Conversions Part 2

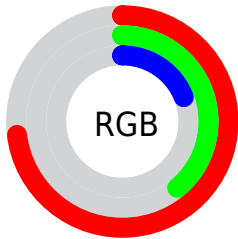
Format	Color
R_{YB}	187, 131, 48
Decimal	12280880
CIE _{Lab}	51.71, 31.00, 43.75
CIE _{LCh}	52, 53.616, 54.677
Yxy	19.8918, 0.5040, 0.3917
Android (android.graphics.Color)	4290470960 (0xFFBB6430)
YUV	120.0850, -35.5379, 58.6845
Hunter-Lab	44.6002, 24.3794, 24.1805

Details

The YIQ color **120.0850, 68.5440, 2.2720** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **114.9150, -68.5440, -2.2720**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.4340, 74.8710, 3.2470**, and **68.2090, 62.2630, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **110.8750, 77.9430, 2.6390**, and if you desaturate by 10%, it is **129.2950, 59.1450, 1.9050**.

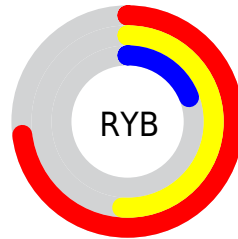
Distribution



Red (73%)

Green (39%)

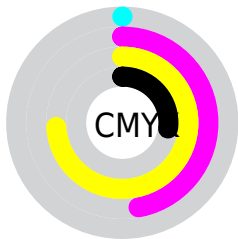
Blue (19%)



Red (73%)

Yellow (51%)

Blue (19%)

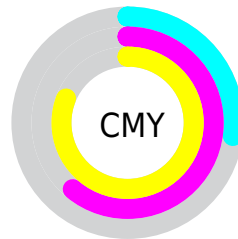


Cyan (0%)

Magenta (47%)

Yellow (74%)

Black (27%)



Cyan (27%)


Magenta (61%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.0850, 68.5440, 2.2720 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 120.0850, 68.5440, 2.2720 by changing the saturation by 10% instead.


 120.0850, 68.5440,
2.2720

 120.0850, 68.5440,
2.2720


255.0000, -0.0000,
-0.0000

 93.7040, 65.2430,
1.5230


 174.4340, 74.8710,
3.2470


 68.2090, 62.2630,
0.4630


 195.3400, 63.2720,
-1.3040


 45.4500, 51.5790,
6.8670

 214.7400, 47.2260,
-7.8620

 22.4030, 41.7660,
14.0060

 234.2540, 30.8590,
-14.1090

 13.7540, 27.4160,
9.7520

 249.1860, 16.3710,
-15.8610

 0.0000, 0.0000,
0.0000

 252.3780, 7.3830,

-7.1530

■ 120.0850, 68.5440,
2.2720

■ 120.0850, 68.5440,
2.2720

■ 110.8750, 77.9430,
2.6390

■ 129.2950, 59.1450,
1.9050

■ 102.3660, 86.7460,
2.7940

■ 137.8040, 50.3420,
1.7500

■ 97.0030, 92.2020,
3.0340

■ 147.0140, 40.9430,
1.3830

■ 156.2240, 31.5440,
1.0160

■ 165.4340, 22.1450,
0.6490

■ 173.9430, 13.3420,
0.4940

■ 183.1530, 3.9430,
0.1270

■ 192.3630, -5.4560,
-0.2400

■ 200.8720,
-14.2590, -0.3950

Harmonies

Analogous

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



120.0480, 71.1070, 27.4190



120.0850, 68.5440, 2.2720



117.5920, 52.9140, -22.8460

Triad

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



120.0850, 68.5440, 2.2720



97.9970, -76.1480, -40.6920



123.6940, -33.1080, 27.3400

Complementary

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



120.0850, 68.5440, 2.2720



114.9150, -68.5440, -2.2720

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.



101.4070, -105.0400, -1.6480



120.0850, 68.5440, 2.2720



103.3550, -91.2350, -26.0750

Square

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



120.0850, 68.5440, 2.2720



103.5720, -32.5910, -42.6310



105.3390, -102.3330, -12.1650



126.4850, 19.2490, 42.1370

Rectangle

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



120.0850, 68.5440, 2.2720



115.0190, 32.2380, -33.6020



105.3390, -102.3330, -12.1650



117.6200, -56.6270, 18.5490

Sweetspot

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



120.0850, 68.5440, 2.2720



216.5870, 26.0880, 0.7760



99.5930, 54.5960, 56.8360



106.7260, 15.4510, 0.8190



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



120.0850, 68.5440, 2.2720



138.2450, 106.1400, 3.7400



160.5880, 49.5690, -33.8150



89.4520, 4.5390, 0.3390



81.8750, 77.9430, 2.6390



15.7260, 15.4510, 0.8190

Inverse Universe

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



114.9150, -68.5440, -2.2720



130.7550, -106.1400, -3.7400



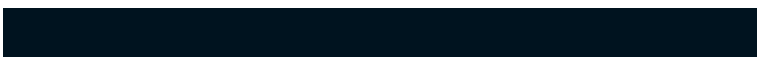
74.9990, -49.8440, 33.2920



89.5480, -4.5390, -0.3390



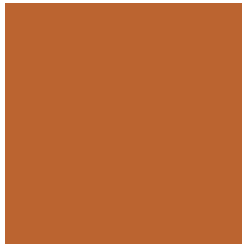
76.1250, -77.9430, -2.6390



14.6870, -15.1760, -0.2960

Previews

White Background



This preview shows how the YIQ color 120.0850, 68.5440, 2.2720 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 120.0850, 68.5440, 2.2720 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 120.0850, 68.5440, 2.2720

Background



This preview shows how black text looks on a background with the YIQ color 120.0850, 68.5440, 2.2720.



This preview shows how white text looks on a background with the YIQ color 120.0850, 68.5440,

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

120.0850, 68.5440, 2.2720

Protanopia

120.3200, 30.4930, -18.4910

Deuteranopia

120.5130, 46.1270, -15.4810



Tritanopia

123.5020, 54.9690, 22.5290

Trichromacy



Original Color

120.0850, 68.5440, 2.2720

Protanomaly

120.0770, 44.6590, -10.9010

Deuteranomaly

120.2200, 54.5620, -8.6540

Tritanomaly

122.2110, 59.9220, 15.3620

Monochromacy



Original Color

120.0850, 68.5440, 2.2720

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1030, 24.5750, 0.6630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0850, 68.5440, 2.2720 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(187, 100, 48)` looks like.

```
.text, #text, p{  
    color:rgb(187, 100, 48)  
}
```

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(187, 100, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 100, 48) }
```

Border

The CSS property to change the border of an element to YIQ 120.0850, 68.5440, 2.2720 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(187, 100, 48) }
```


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

```
.border{ border-color:rgb(187, 100, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 100, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 100, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 100, 48);  
box-shadow:4px 4px 4px 4px rgb(187, 100,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0850, 68.5440, 2.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 100, 48) }
```

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

```
.background{ background-color: rgb(187,  
100, 48) }
```

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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