

Converting Colors

YIQ(112.4800, 69.2300, 11.8700)

Have a look what the booklet for
YIQ(112.4800, 69.2300, 11.8700)
contains.

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Color

**YIQ(112.4800, 69.2300,
11.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5638
RGB	186, 86, 56
RGB Percent	73%, 34%, 22%
CMY	0.2704, 0.6629, 0.7801
CMYK	0.00, 0.54, 0.70, 0.27
HSL	14°, 54%, 47%
HSV	14°, 70%, 73%
XYZ	24.3034, 17.3812, 5.8251
YIQ	112.4800, 69.2300, 11.8700

Conversions

Conversions Part 2

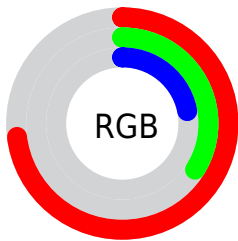
Format	Color
R _Y B	186, 95, 56
Decimal	12211768
CIE Lab	48.74, 38.32, 36.25
CIE LCh	49, 52.751, 43.415
Yxy	17.3812, 0.5115, 0.3658
Android (android.graphics.Color)	4290401848 (0xFFBA5638)
YUV	112.4800, -27.8446, 64.4770
Hunter-Lab	41.6908, 31.0965, 20.8995

Details

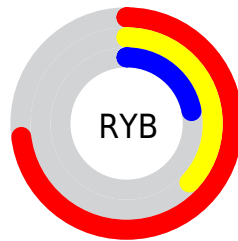
The YIQ color **112.4800, 69.2300, 11.8700** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **129.5200, -69.2300, -11.8700**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7150, 75.8780, 12.5340**, and **59.7720, 62.5360, 12.0400** is the 20% darker color. If you saturate the color by 10%, you get **102.0960, 79.1790, 13.2830**, and if you desaturate by 10%, it is **122.8640, 59.2810, 10.4570**.

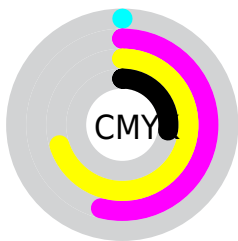
Distribution



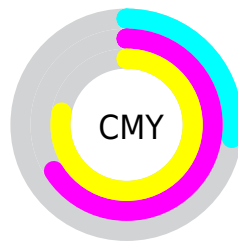
- Red (73%)
- Green (34%)
- Blue (22%)



- Red (73%)
- Yellow (37%)
- Blue (22%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (27%)



- Cyan (27%)
- Magenta (66%)
- Yellow (78%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.4800, 69.2300, 11.8700 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 112.4800, 69.2300, 11.8700 by changing the saturation by 10% instead.

■ 112.4800, 69.2300,
11.8700

■ 112.4800, 69.2300,
11.8700

255.0000, -0.0000,
-0.0000

■ 86.2130, 65.6080,
11.4320

■ 166.7150, 75.8780,
12.5340

■ 59.7720, 62.5360,
12.0400

■ 187.9200, 64.8750,
8.1950

■ 32.2370, 57.0330,
18.1610

■ 207.3200, 48.8290,
1.6370

■ 20.6310, 41.1240,
14.6280

■ 226.8340, 32.4620,
-4.6100

■ 13.5690, 26.4990,
9.8510

■ 247.0490, 15.4990,
-11.0690

■ 0.0000, 0.0000,
0.0000

■ 253.1760, 5.1360,

-4.9760

■ 112.4800, 69.2300,
11.8700

■ 112.4800, 69.2300,
11.8700

■ 102.0960, 79.1790,
13.2830

■ 122.8640, 59.2810,
10.4570

■ 91.2390, 89.0820,
15.5300

■ 133.7210, 49.3780,
8.2100

■ 80.8550, 99.0310,
16.9430

■ 144.1050, 39.4290,
6.7970

■ 154.3750, 29.8010,
5.0730

■ 165.3460, 19.5770,
3.1370

■ 175.7300, 9.6280,
1.7240

■ 186.0000, -0.0000,
-0.0000

■ 196.9710,
-10.2240, -1.9360

■ 207.3550,
-20.1730, -3.3490

Harmonies

Analogous

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



112.6270, 65.2830, 33.8510



112.4800, 69.2300, 11.8700



111.3850, 58.2310, -14.5770

Triad

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



112.4800, 69.2300, 11.8700



89.3910, -65.6940, -42.9260



108.5980, -59.5610, 16.6550

Complementary

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



112.4800, 69.2300, 11.8700



129.5200, -69.2300, -11.8700

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.



98.0500, -99.7210, -4.4330



112.4800, 69.2300, 11.8700



95.8090, -81.0100, -29.6660

Square

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



112.4800, 69.2300, 11.8700



102.1850, -9.3920, -39.0560



99.3090, -93.6210, -15.8690



119.1560, 1.0020, 36.9220

Rectangle

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



112.4800, 69.2300, 11.8700



108.4120, 44.4330, -28.8390



99.3090, -93.6210, -15.8690



93.2230, -98.5300, 1.5180

Sweetspot

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



112.4800, 69.2300, 11.8700



213.2930, 27.0960, 4.5360



106.4980, 44.7380, 59.2820



105.0790, 15.9550, 2.6990



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.



112.4800, 69.2300, 11.8700



127.2860, 108.0630, 18.4550



149.4610, 51.9050, -21.0790



86.8650, 4.8140, 0.8620



67.7760, 83.0760, 14.2440



11.8940, 15.0380, 2.7980

Inverse Universe

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



129.5200, -69.2300, -11.8700



153.7140, -108.0630, -18.4550



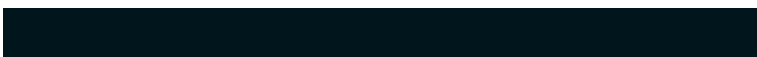
92.5390, -51.9050, 21.0790



88.1350, -4.8140, -0.8620



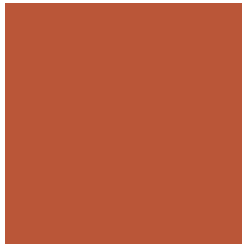
88.2240, -83.0760, -14.2440



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 112.4800, 69.2300, 11.8700 looks on a white 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

Black Background



This preview shows how the YIQ color 112.4800, 69.2300, 11.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

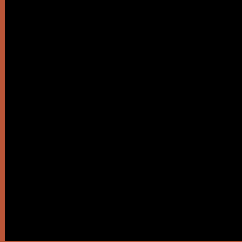
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 112.4800, 69.2300, 11.8700

Background



This preview shows how black text looks on a background with the YIQ color 112.4800, 69.2300, 11.8700.



This preview shows how white text looks on a background with the YIQ color 112.4800, 69.2300,

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

112.4800, 69.2300, 11.8700

Protanopia

113.8880, 23.2020, -13.0060

Deuteranopia

114.0270, 38.9280, -11.6640



Tritanopia

114.3780, 61.2500, 24.3380

Trichromacy



Original Color

112.4800, 69.2300, 11.8700

Protanomaly

113.2540, 40.0270, -4.0450

Deuteranomaly

113.4570, 49.7010, -3.1550

Tritanomaly

113.2980, 64.2310, 19.8710

Monochromacy



Original Color

112.4800, 69.2300, 11.8700

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.5100, 24.9870, 4.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4800, 69.2300, 11.8700 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(186, 86, 56)` looks like.

```
.text, #text, p{  
    color:rgb(186, 86, 56)  
}
```

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(186, 86, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 86, 56) }
```

Border

The CSS property to change the border of an element to YIQ 112.4800, 69.2300, 11.8700 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(186, 86, 56) }
```


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

```
.border{ border-color:rgb(186, 86, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 86, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 86, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 86, 56);  
box-shadow:4px 4px 4px 4px rgb(186, 86,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4800, 69.2300, 11.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 86, 56) }
```

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

```
.background{ background-color: rgb(186, 86,  
56) }
```

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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