

Converting Colors

YIQ(148.1120, 46.7190, 6.8390)

Have a look what the booklet for
YIQ(148.1120, 46.7190, 6.8390)
contains.

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Color

**YIQ(148.1120, 46.7190,
6.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	C5836C
RGB	197, 131, 108
RGB Percent	77%, 51%, 42%
CMY	0.2273, 0.4864, 0.5763
CMYK	0.00, 0.34, 0.45, 0.23
HSL	15°, 43%, 60%
HSV	15°, 45%, 77%
XYZ	33.8576, 29.1842, 18.0504
YIQ	148.1120, 46.7190, 6.8390

Conversions

Conversions Part 2

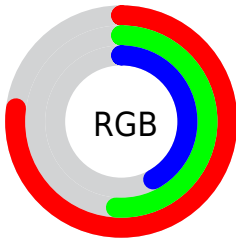
Format	Color
R _Y B	197, 139, 108
Decimal	12944236
CIE Lab	60.94, 22.79, 22.79
CIE LCh	61, 32.229, 45.010
Yxy	29.1842, 0.4175, 0.3599
Android (android.graphics.Color)	4291134316 (0xFFC5836C)
YUV	148.1120, -19.7752, 42.8748
Hunter-Lab	54.0224, 17.3326, 18.0052

Details

The YIQ color **148.1120, 46.7190, 6.8390** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **156.8880, -46.7190, -6.8390**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4930, 50.0200, 7.5880**, and **96.5460, 42.5010, 6.1890** is the 20% darker color. If you saturate the color by 10%, you get **137.0270, 57.2640, 8.4640**, and if you desaturate by 10%, it is **159.1970, 36.1740, 5.2140**.

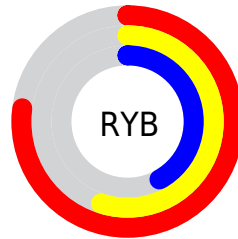
Distribution



Red (77%)

Green (51%)

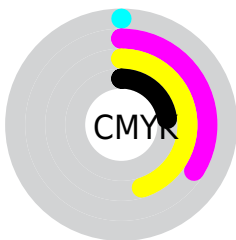
Blue (42%)



Red (77%)

Yellow (55%)

Blue (42%)

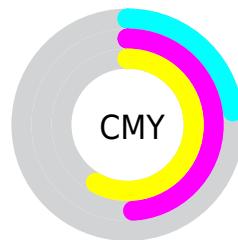


Cyan (0%)

Magenta (34%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1120, 46.7190, 6.8390 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 148.1120, 46.7190, 6.8390 by changing the saturation by 10% instead.

148.1120, 46.7190,
6.8390

148.1120, 46.7190,
6.8390

255.0000, -0.0000,
-0.0000

121.7420, 44.8850,
7.0370

202.4930, 50.0200,
7.5880

96.5460, 42.5010,
6.1890

222.0070, 33.6530,
1.3410

71.5780, 39.4750,
5.9630

242.1080, 17.0110,
-5.4290

48.4960, 36.7700,
5.4260

253.6320, 3.8520,
-3.7320

25.2830, 33.0560,
6.6560

11.4760, 22.3270,
8.3670

0.0000, 0.0000,

0.0000

■ 148.1120, 46.7190,
6.8390

■ 148.1120, 46.7190,
6.8390

■ 137.0270, 57.2640,
8.4640

■ 159.1970, 36.1740,
5.2140

■ 126.6430, 67.2130,
9.8770

■ 169.5810, 26.2250,
3.8010

■ 115.5580, 77.7580,
11.5020

■ 180.6660, 15.6800,
2.1760

■ 104.4730, 88.3030,
13.1270

■ 191.1640, 5.4100,
1.0740

■ 94.0890, 98.2520,
14.5400

■ 202.2490, -5.1350,
-0.5510

■ 88.8400, 103.3870,
15.0910

■ 213.2200,
-15.3590, -2.4870

■ 223.7180,
-25.6290, -3.5890

■ 233.5490,
-32.6430, -8.6350

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



149.3480, 43.5990, 19.3350



148.1120, 46.7190, 6.8390



146.1890, 38.6520, -6.6600

Triad

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



148.1120, 46.7190, 6.8390



134.8560, -35.6660, -25.4420



147.0130, -27.2370, 14.5470

Complementary

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



148.1120, 46.7190, 6.8390



156.8880, -46.7190, -6.8390

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.



138.1290, -57.4030, -0.4350



148.1120, 46.7190, 6.8390



127.8000, -67.6230, -24.4790

Square

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



148.1120, 46.7190, 6.8390



140.1230, -5.6810, -23.7050



127.3830, -79.2700, -17.1420



150.7950, 2.9760, 23.1680

Rectangle

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



148.1120, 46.7190, 6.8390



144.6880, 26.6410, -14.7590



127.3830, -79.2700, -17.1420



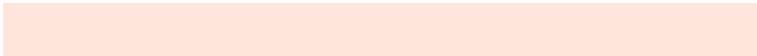
144.1040, -37.9190, 9.8970

Sweetspot

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



148.1120, 46.7190, 6.8390



235.0470, 18.9810, 2.9250



142.2490, 31.5370, 39.7050



115.5130, 11.7370, 2.0490



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.



148.1120, 46.7190, 6.8390



179.3940, 72.3480, 10.4280



173.9400, 34.6190, -16.1730



93.8650, 4.8140, 0.8620



73.3910, 85.5980, 12.5900



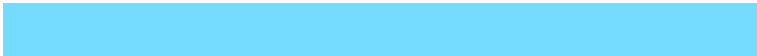
16.0470, 18.9810, 2.9250

Inverse Universe

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



156.8880, -46.7190, -6.8390



193.1930, -72.6230, -10.9510



131.0600, -34.6190, 16.1730



95.1350, -4.8140, -0.8620



89.6090, -85.5980, -12.5900



19.9530, -18.9810, -2.9250

Previews

White Background



This preview shows how the YIQ color 148.1120, 46.7190, 6.8390 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 148.1120, 46.7190, 6.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

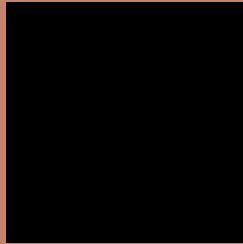
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.1120, 46.7190, 6.8390

Background



This preview shows how black text looks on a background with the YIQ color 148.1120, 46.7190, 6.8390.



This preview shows how white text looks on a background with the YIQ color 148.1120, 46.7190,

6.8390.

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

148.1120, 46.7190, 6.8390

Protanopia

146.3420, 16.2320, -7.8320

Deuteranopia

147.1760, 31.4990, -3.6770



Tritanopia

149.6680, 39.7020, 18.3740

Trichromacy



Original Color

148.1120, 46.7190, 6.8390

Protanomaly

146.9630, 27.7850, -2.4470

Deuteranomaly

147.3340, 37.0460, 0.4220

Tritanomaly

148.7020, 42.3620, 14.2180

Monochromacy



Original Color

148.1120, 46.7190, 6.8390

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1500, 17.1930, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1120, 46.7190, 6.8390 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(197, 131, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 131, 108)  
}
```

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(197, 131, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 131, 108) }
```

Border

The CSS property to change the border of an element to YIQ 148.1120, 46.7190, 6.8390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

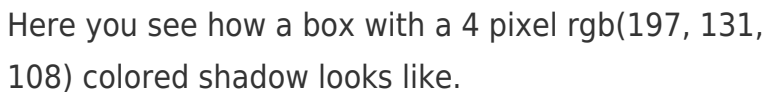
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 131, 108) }
```


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

```
.border{ border-color:rgb(197, 131, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 131, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 131, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 131, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 131,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1120, 46.7190, 6.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 131, 108) }
```

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

```
.background{ background-color: rgb(197,  
131, 108) }
```

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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