

Converting Colors

YIQ(149.6990, 46.4440, 6.3160)

Have a look what the booklet for
YIQ(149.6990, 46.4440, 6.3160)
contains.

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Color

**YIQ(149.6990, 46.4440,
6.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	C6856D
RGB	198, 133, 109
RGB Percent	78%, 52%, 43%
CMY	0.2234, 0.4785, 0.5723
CMYK	0.00, 0.33, 0.45, 0.22
HSL	16°, 44%, 60%
HSV	16°, 45%, 78%
XYZ	34.4450, 29.8834, 18.4352
YIQ	149.6990, 46.4440, 6.3160

Conversions

Conversions Part 2

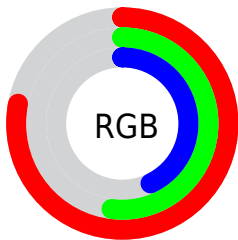
Format	Color
R _Y B	198, 142, 109
Decimal	13010285
CIE Lab	61.55, 22.20, 23.07
CIE LCh	62, 32.013, 46.106
Yxy	29.8834, 0.4162, 0.3611
Android (android.graphics.Color)	4291200365 (0xFFC6856D)
YUV	149.6990, -20.0646, 42.3600
Hunter-Lab	54.6657, 16.8082, 18.2713

Details

The YIQ color **149.6990, 46.4440, 6.3160** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **157.3010, -46.4440, -6.3160**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3680, 48.8740, 6.3300**, and **98.1330, 42.2260, 5.6660** is the 20% darker color. If you saturate the color by 10%, you get **138.6140, 56.9890, 7.9410**, and if you desaturate by 10%, it is **160.1970, 36.1740, 5.2140**.

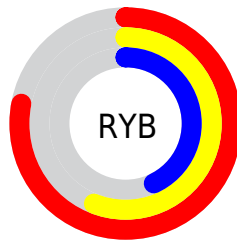
Distribution



Red (78%)

Green (52%)

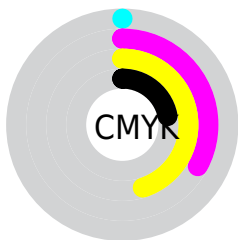
Blue (43%)



Red (78%)

Yellow (56%)

Blue (43%)

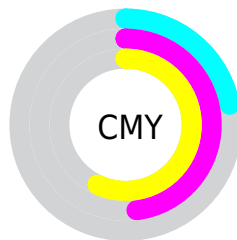


Cyan (0%)

Magenta (33%)

Yellow (45%)

Black (22%)



Cyan (22%)


Magenta (48%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.6990, 46.4440, 6.3160 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 149.6990, 46.4440, 6.3160 by changing the saturation by 10% instead.


 149.6990, 46.4440,
6.3160


 149.6990, 46.4440,
6.3160


255.0000, -0.0000,
-0.0000


 123.3290, 44.6100,
6.5140


 203.7810, 49.1490,
6.8530

 98.1330, 42.2260,
5.6660


 223.2950, 32.7820,
0.6060


 73.1650, 39.2000,
5.4400

 243.5100, 15.8190,
-5.8530

 50.0830, 36.4950,
4.9030

 253.7460, 3.5310,
-3.4210

 26.7560, 33.1020,
5.8220

 11.6610, 23.2440,
8.2680

 0.0000, 0.0000,

0.0000

■ 149.6990, 46.4440,
6.3160

■ 149.6990, 46.4440,
6.3160

■ 138.6140, 56.9890,
7.9410

■ 160.1970, 36.1740,
5.2140

■ 128.1160, 67.2590,
9.0430

■ 171.2820, 25.6290,
3.5890

■ 117.7320, 77.2080,
10.4560

■ 181.6660, 15.6800,
2.1760

■ 106.6470, 87.7530,
12.0810

■ 192.7510, 5.1350,
0.5510

■ 96.1490, 98.0230,
13.1830

■ 203.2490, -5.1350,
-0.5510

■ 90.3130, 103.4330,
14.2570

■ 214.3340,
-15.6800, -2.1760

■ 224.8320,
-25.9500, -3.2780

■ 234.4350,
-32.3220, -8.9460

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



151.1200, 44.2410, 18.7130



149.6990, 46.4440, 6.3160



147.5910, 37.4600, -7.0840

Triad

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



149.6990, 46.4440, 6.3160



136.3720, -37.1790, -25.5550



148.6110, -26.0450, 14.9710

Complementary

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



149.6990, 46.4440, 6.3160



157.3010, -46.4440, -6.3160

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.



140.1400, -55.9360, 0.5120



149.6990, 46.4440, 6.3160



130.0990, -67.0270, -24.2670

Square

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



149.6990, 46.4440, 6.3160



141.5250, -6.8730, -24.1290



130.1060, -76.9320, -15.4600



152.3930, 4.1680, 23.5920

Rectangle

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



149.6990, 46.4440, 6.3160



146.3890, 26.0450, -14.9710



130.1060, -76.9320, -15.4600



146.1150, -36.4520, 10.8440

Sweetspot

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



149.6990, 46.4440, 6.3160



237.1500, 17.1930, 2.2890



143.0210, 32.1790, 39.0830



116.8010, 10.8660, 1.3140



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.



149.6990, 46.4440, 6.3160



179.9810, 72.0730, 9.9050



175.5270, 34.3440, -16.6960



93.8650, 4.8140, 0.8620



74.5650, 85.0480, 11.5440



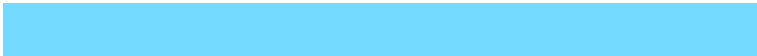
16.6340, 18.7060, 2.4020

Inverse Universe

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



157.3010, -46.4440, -6.3160



192.0190, -72.0730, -9.9050



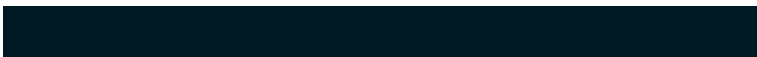
131.4730, -34.3440, 16.6960



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 149.6990, 46.4440, 6.3160 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 149.6990, 46.4440, 6.3160 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 149.6990, 46.4440, 6.3160

Background



This preview shows how black text looks on a background with the YIQ color 149.6990, 46.4440, 6.3160.



This preview shows how white text looks on a background with the YIQ color 149.6990, 46.4440,

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

149.6990, 46.4440, 6.3160

Protanopia

148.2280, 16.5530, -8.1430

Deuteranopia

149.0620, 31.8200, -3.9880



Tritanopia

151.6680, 39.7020, 18.3740

Trichromacy



Original Color

149.6990, 46.4440, 6.3160

Protanomaly

148.5500, 27.5100, -2.9700

Deuteranomaly

149.2200, 37.3670, 0.1110

Tritanomaly

150.7020, 42.3620, 14.2180

Monochromacy



Original Color

149.6990, 46.4440, 6.3160

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.8510, 16.5970, 2.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6990, 46.4440, 6.3160 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, 133, 109)` looks like.

```
.text, #text, p{  
    color:rgb(198, 133, 109)  
}
```

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, 133, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 133, 109) }
```

Border

The CSS property to change the border of an element to YIQ 149.6990, 46.4440, 6.3160 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, 133, 109) }
```


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

```
.border{ border-color:rgb(198, 133, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 133, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 133, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 133, 109);  
box-shadow:4px 4px 4px 4px rgb(198, 133,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6990, 46.4440, 6.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 133, 109) }
```

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

```
.background{ background-color: rgb(198,  
133, 109) }
```

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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