

Converting Colors

YIQ(113.6990, 46.4440, 6.3160)

Have a look what the booklet for
YIQ(113.6990, 46.4440, 6.3160)
contains.

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Color

**YIQ(113.6990, 46.4440,
6.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	A26149
RGB	162, 97, 73
RGB Percent	64%, 38%, 29%
CMY	0.3646, 0.6197, 0.7135
CMYK	0.00, 0.40, 0.55, 0.36
HSL	16°, 38%, 46%
HSV	16°, 55%, 64%
XYZ	20.3840, 16.7112, 8.4636
YIQ	113.6990, 46.4440, 6.3160

Conversions

Conversions Part 2

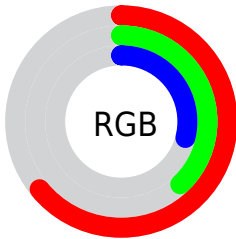
Format	Color
RYB	162, 106, 73
Decimal	10641737
CIELab	47.89, 23.88, 24.81
CIElCh	48, 34.434, 46.090
Yxy	16.7112, 0.4474, 0.3668
Android (android.graphics.Color)	4288831817 (0xFFA26149)
YUV	113.6990, -20.0646, 42.3600
Hunter-Lab	40.8793, 17.4683, 16.3402

Details

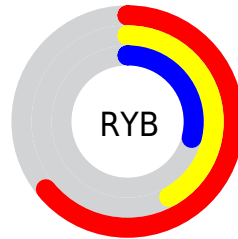
The YIQ color **113.6990, 46.4440, 6.3160** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **121.3010, -46.4440, -6.3160**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5640, 51.2580, 7.1780**, and **64.0620, 40.9880, 6.0760** is the 20% darker color. If you saturate the color by 10%, you get **104.8310, 54.8800, 7.6160**, and if you desaturate by 10%, it is **122.5670, 38.0080, 5.0160**.

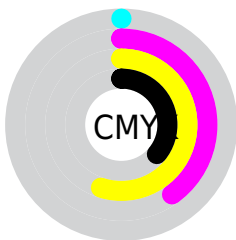
Distribution



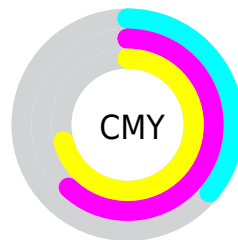
- Red (64%)
- Green (38%)
- Blue (29%)



- Red (64%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.6990, 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 113.6990, 46.4440, 6.3160 by changing the saturation by 10% instead.

■ 113.6990, 46.4440,
6.3160

■ 113.6990, 46.4440,
6.3160

■ 255.0000, -0.0000,
-0.0000

■ 88.6170, 43.7390,
5.7790

■ 166.5640, 51.2580,
7.1780

■ 64.0620, 40.9880,
6.0760

■ 194.0480, 52.7710,
7.2910

■ 40.3390, 38.6500,
4.3940

■ 215.3560, 39.9800,
2.3160

■ 18.4940, 31.0840,
9.3560

■ 234.8700, 23.6130,
-3.9310

■ 8.4860, 16.3670,
6.2470

■ 252.1500, 8.0250,
-7.7750

■ 0.0000, 0.0000,
0.0000

■ 113.6990, 46.4440,
6.3160

■ 113.6990, 46.4440,
6.3160

■ 104.8310, 54.8800,
7.6160

■ 122.5670, 38.0080,
5.0160

■ 95.9630, 63.3160,
8.9160

■ 131.4350, 29.5720,
3.7160

■ 86.9810, 72.0730,
9.9050

■ 140.4170, 20.8150,
2.7270

■ 78.7000, 80.2340,
10.6820

■ 148.6980, 12.6540,
1.9500

■ 74.2660, 84.4520,
11.3320

■ 157.5660, 4.2180,
0.6500

■ 166.4340, -4.2180,
-0.6500

■ 175.3020,
-12.6540, -1.9500

■ 184.2840,

-21.4110, -2.9390

■ 193.1520,
-29.8470, -4.2390

Harmonies

Analogous

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



114.6470, 44.1950, 19.5470



113.6990, 46.4440, 6.3160



112.0640, 37.5060, -7.9180

Triad

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



113.6990, 46.4440, 6.3160



98.0830, -43.7350, -27.8870



112.8280, -28.1540, 14.6460

Complementary

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



113.6990, 46.4440, 6.3160



121.3010, -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.



98.7790, -71.1570, -4.4770



113.6990, 46.4440, 6.3160



90.4290, -76.8840, -27.3480

Square

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



113.6990, 46.4440, 6.3160



105.8130, -7.7440, -24.8640



91.6320, -84.4050, -17.6930



116.9200, 4.1220, 24.4260

Rectangle

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



113.6990, 46.4440, 6.3160



110.7480, 26.4120, -16.1160



91.6320, -84.4050, -17.6930



110.0220, -40.6240, 9.3600

Sweetspot

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



113.6990, 46.4440, 6.3160



193.4490, 17.7890, 2.5010



107.0210, 32.1790, 39.0830



95.9150, 10.5450, 1.6250



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



113.6990, 46.4440, 6.3160



136.1660, 72.9900, 9.8060



139.5270, 34.3440, -16.6960



77.4520, 4.5390, 0.3390



66.2480, 75.6950, 10.3430



8.3170, 9.3530, 1.2010

Inverse Universe

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



121.3010, -46.4440, -6.3160



147.8340, -72.9900, -9.8060



95.4730, -34.3440, 16.6960



77.5480, -4.5390, -0.3390



78.7520, -75.6950, -10.3430



9.6830, -9.3530, -1.2010

Previews

White Background



This preview shows how the YIQ color 113.6990, 46.4440, 6.3160 looks on a white background.

Color Contrast Check

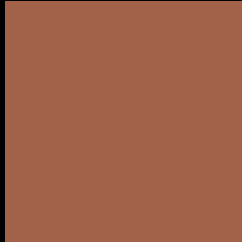
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6990, 46.4440, 6.3160 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 113.6990, 46.4440, 6.3160

Background



This preview shows how black text looks on a background with the YIQ color 113.6990, 46.4440, 6.3160.



This preview shows how white text looks on a background with the YIQ color 113.6990, 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

113.6990, 46.4440, 6.3160

Protanopia

112.8150, 16.2780, -8.6660

Deuteranopia

113.3390, 29.4820, -5.6700



Tritanopia

115.0270, 40.0690, 17.2290

Trichromacy



Original Color

113.6990, 46.4440, 6.3160

Protanomaly

113.1370, 27.2350, -3.4930

Deuteranomaly

113.7960, 35.6250, -1.3590

Tritanomaly

114.1750, 42.4080, 13.3840

Monochromacy



Original Color

113.6990, 46.4440, 6.3160

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8510, 16.5970, 2.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6990, 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(162, 97, 73)` looks like.

```
.text, #text, p{  
    color:rgb(162, 97, 73)  
}
```

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(162, 97, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 97, 73) }
```

Border

The CSS property to change the border of an element to YIQ 113.6990, 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(162, 97, 73) }
```


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

```
.border{ border-color:rgb(162, 97, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 97, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 97, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 97, 73);  
box-shadow:4px 4px 4px 4px rgb(162, 97,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6990, 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(162, 97, 73) }
```

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

```
.background{ background-color: rgb(162, 97,  
73) }
```

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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