

Converting Colors

YIQ(116.5670, 28.8400, -5.0480)

Have a look what the booklet for
YIQ(116.5670, 28.8400, -5.0480)
contains.

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Color

**YIQ(116.5670, 28.8400,
-5.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	8D704C
RGB	141, 112, 76
RGB Percent	55%, 44%, 30%
CMY	0.4470, 0.5608, 0.7018
CMYK	0.00, 0.21, 0.46, 0.45
HSL	33°, 30%, 43%
HSV	33°, 46%, 55%
XYZ	18.0851, 17.7717, 9.3212
YIQ	116.5670, 28.8400, -5.0480

Conversions

Conversions Part 2

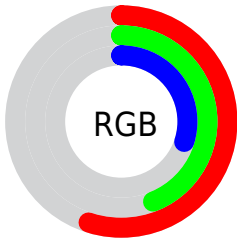
Format	Color
RYB	128, 141, 76
Decimal	9269324
CIELab	49.22, 6.47, 24.30
CIElCh	49, 25.146, 75.087
Yxy	17.7717, 0.4003, 0.3934
Android (android.graphics.Color)	4287459404 (0xFF8D704C)
YUV	116.5670, -19.9995, 21.4277
Hunter-Lab	42.1565, 2.8025, 16.4000

Details

The YIQ color **116.5670, 28.8400, -5.0480** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **100.4330, -28.8400, 5.0480**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1220, 31.5910, -5.3450**, and **67.7130, 25.4930, -4.9630** is the 20% darker color. If you saturate the color by 10%, you get **111.4490, 34.9840, -6.2640**, and if you desaturate by 10%, it is **121.6850, 22.6960, -3.8320**.

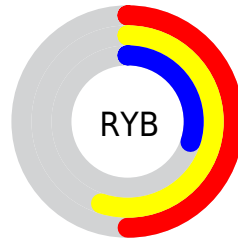
Distribution



Red (55%)

Green (44%)

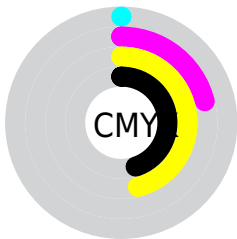
Blue (30%)



Red (50%)

Yellow (55%)

Blue (30%)

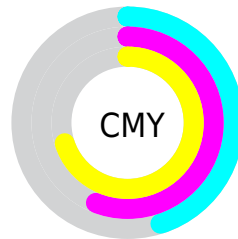


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.5670, 28.8400, -5.0480 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 116.5670, 28.8400, -5.0480 by changing the saturation by 10% instead.

■ 116.5670, 28.8400,
-5.0480

■ 116.5670, 28.8400,
-5.0480

■ 255.0000, -0.0000,
-0.0000

■ 92.0830, 27.3270,
-5.1610

■ 169.1220, 31.5910,
-5.3450

■ 67.7130, 25.4930,
-4.9630

■ 196.6060, 33.1040,
-5.2320

■ 44.7020, 24.0260,
-5.9100

■ 224.2040, 34.2960,
-4.8080

■ 25.1730, 18.3860,
-2.8140

■ 244.7180, 17.9290,
-11.0550

■ 2.3920, 4.7680,
1.6960

■ 252.6060, 6.7410,
-6.5310

■ 0.0000, 0.0000,
0.0000

■ 116.5670, 28.8400,
-5.0480

■ 116.5670, 28.8400,
-5.0480

■ 111.4490, 34.9840,
-6.2640

■ 121.6850, 22.6960,
-3.8320

■ 105.7440, 41.4030,
-6.9570

■ 127.3900, 16.2770,
-3.1390

■ 100.6260, 47.5470,
-8.1730

■ 132.5080, 10.1330,
-1.9230

■ 95.5080, 53.6910,
-9.3890

■ 137.6260, 3.9890,
-0.7070

■ 90.3900, 59.8350,
-10.6050

■ 142.8580, -2.4760,
0.8200

■ 87.9450, 62.5860,
-10.9020

■ 148.5630, -8.8950,
1.5130

■ 153.6810,
-15.0390, 2.7290

■ 158.7990,

-21.1830, 3.9450

■ 164.5040,
-27.6020, 4.6380

Harmonies

Analogous

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



118.0120, 35.2570, 5.3130



116.5670, 28.8400, -5.0480



114.5820, 15.3160, -13.2600

Triad

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



116.5670, 28.8400, -5.0480



104.5530, -47.6340, -17.7940



119.9210, 2.3810, 17.4290

Complementary

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



116.5670, 28.8400, -5.0480



100.4330, -28.8400, 5.0480

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.



116.9120, -19.7630, 11.2530



116.5670, 28.8400, -5.0480



104.9470, -54.3750, -11.2630

Square

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



116.5670, 28.8400, -5.0480



108.3350, -26.5890, -19.2370



110.8550, -41.9520, 0.3840



120.0280, 21.1330, 18.9970

Rectangle

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



116.5670, 28.8400, -5.0480



112.8300, 2.7540, -16.8780



110.8550, -41.9520, 0.3840



119.2730, -4.5420, 16.2420

Sweetspot

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



116.5670, 28.8400, -5.0480



173.9920, 11.6460, -1.8100



98.7410, 29.4310, 22.7990



86.0670, 7.0610, -1.3150



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



116.5670, 28.8400, -5.0480



145.4840, 45.0710, -7.3530



132.6930, 19.0770, -20.8510



68.4410, 3.0720, -0.6080



84.3900, 59.8350, -10.6050



4.7400, 3.6680, -0.3960

Inverse Universe

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



100.4330, -28.8400, 5.0480



120.9290, -44.7960, 7.8760



84.3070, -19.0770, 20.8510



66.5590, -3.0720, 0.6080



50.6100, -59.8350, 10.6050



2.6730, -3.3930, 0.9190

Previews

White Background



This preview shows how the YIQ color 116.5670, 28.8400, -5.0480 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 116.5670, 28.8400, -5.0480 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 116.5670, 28.8400, -5.0480

Background



This preview shows how black text looks on a background with the YIQ color 116.5670, 28.8400, -5.0480.



This preview shows how white text looks on a background with the YIQ color 116.5670, 28.8400,

-5.0480.

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

116.5670, 28.8400, -5.0480

Protanopia

115.5440, 18.4790, -10.0090

Deuteranopia

116.5670, 28.8400, -5.0480



Tritanopia

119.2740, 20.0800, 10.5440

Trichromacy



Original Color

116.5670, 28.8400, -5.0480

Protanomaly

115.7510, 22.3300, -8.2140

Deuteranomaly

116.5670, 28.8400, -5.0480

Tritanomaly

118.5530, 23.4280, 4.9320

Monochromacy



Original Color

116.5670, 28.8400, -5.0480

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8070, 10.7290, -1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.5670, 28.8400, -5.0480 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(141, 112, 76)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 76)  
}
```

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(141, 112, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 76) }
```

Border

The CSS property to change the border of an element to YIQ 116.5670, 28.8400, -5.0480 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(141, 112, 76) }
```


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

```
.border{ border-color:rgb(141, 112, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 112, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 76);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 116.5670, 28.8400, -5.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 76) }
```

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

```
.background{ background-color: rgb(141,  
112, 76) }
```

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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