

Converting Colors

YIQ(117.2970, 38.4680, -3.3240)

Have a look what the booklet for
YIQ(117.2970, 38.4680, -3.3240)
contains.

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Color

**YIQ(117.2970, 38.4680,
-3.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	986D45
RGB	152, 109, 69
RGB Percent	60%, 43%, 27%
CMY	0.4038, 0.5726, 0.7292
CMYK	0.00, 0.28, 0.55, 0.40
HSL	29°, 38%, 43%
HSV	29°, 55%, 60%
XYZ	19.4949, 18.0410, 8.0926
YIQ	117.2970, 38.4680, -3.3240

Conversions

Conversions Part 2

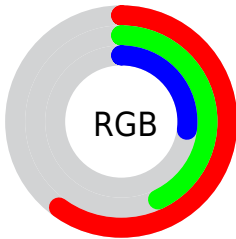
Format	Color
R_{YB}	152, 146, 69
Decimal	9989445
CIE Lab	49.55, 12.35, 28.92
CIE LCh	50, 31.446, 66.884
Yxy	18.0410, 0.4273, 0.3954
Android (android.graphics.Color)	4288179525 (0xFF986D45)
YUV	117.2970, -23.8104, 30.4345
Hunter-Lab	42.4746, 7.5969, 18.4359

Details

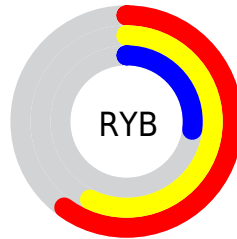
The YIQ color **117.2970, 38.4680, -3.3240** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **103.7030, -38.4680, 3.3240**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1510, 41.8150, -3.4090**, and **67.8450, 33.9290, -3.6630** is the 20% darker color. If you saturate the color by 10%, you get **110.8910, 45.4830, -3.8050**, and if you desaturate by 10%, it is **123.7030, 31.4530, -2.8430**.

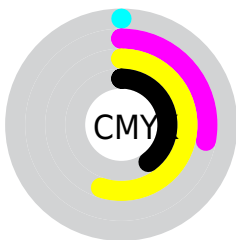
Distribution



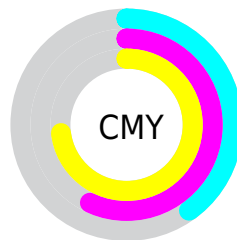
- Red (60%)
- Green (43%)
- Blue (27%)



- Red (60%)
- Yellow (57%)
- Blue (27%)



- Cyan (0%)
- Magenta (28%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2970, 38.4680, -3.3240 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 117.2970, 38.4680, -3.3240 by changing the saturation by 10% instead.

■ 117.2970, 38.4680,
-3.3240

■ 117.2970, 38.4680,
-3.3240

■ 255.0000, -0.0000,
-0.0000

■ 92.5140, 36.3590,
-3.6490

■ 170.1510, 41.8150,
-3.4090

■ 67.8450, 33.9290,
-3.6630

■ 197.9340, 43.9240,
-3.0840

■ 44.7200, 32.7830,
-4.9210

■ 221.9440, 37.9640,
-5.2040

■ 25.2060, 22.7870,
0.0270

■ 242.0450, 21.3220,
-11.9740

■ 6.5780, 13.1120,
4.6640

■ 251.6940, 9.3090,
-9.0190

■ 0.0000, 0.0000,
0.0000

■ 117.2970, 38.4680,
-3.3240

■ 117.2970, 38.4680,
-3.3240

■ 110.8910, 45.4830,
-3.8050

■ 123.7030, 31.4530,
-2.8430

■ 104.4850, 52.4980,
-4.2860

■ 130.1090, 24.4380,
-2.3620

■ 97.9650, 59.8340,
-5.0780

■ 136.6290, 17.1020,
-1.5700

■ 91.5590, 66.8490,
-5.5590

■ 143.0350, 10.0870,
-1.0890

■ 88.2990, 70.5170,
-5.9550

■ 148.8540, 3.3470,
-0.0850

■ 155.2600, -3.6680,
0.3960

■ 161.6660,
-10.6830, 0.8770

■ 168.1860,

-18.0190, 1.6690

■ 174.5920,
-25.0340, 2.1500

Harmonies

Analogous

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



118.2520, 43.5090, 9.9490



117.2970, 38.4680, -3.3240



115.1330, 23.8900, -14.4620

Triad

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



117.2970, 38.4680, -3.3240



96.5890, -65.6510, -27.1790



120.9080, -4.7720, 20.4120

Complementary

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



117.2970, 38.4680, -3.3240



103.7030, -38.4680, 3.3240

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.



115.0720, -34.8930, 10.1230



117.2970, 38.4680, -3.3240



93.8830, -83.8540, -22.1740

Square

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



117.2970, 38.4680, -3.3240



107.2870, -26.6340, -23.9300



102.4540, -68.8640, -7.4880



121.1900, 20.8570, 24.0010

Rectangle

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



117.2970, 38.4680, -3.3240



112.9570, 9.5860, -19.5500



102.4540, -68.8640, -7.4880



119.2380, -14.6290, 17.3310

Sweetspot

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



117.2970, 38.4680, -3.3240



185.3730, 14.9470, -1.0610



98.8330, 35.3440, 31.2800



91.6650, 8.2530, -0.8910



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



117.2970, 38.4680, -3.3240



144.9650, 59.8340, -5.0780



140.7770, 27.4680, -24.2440



73.7400, 3.6680, -0.3960



81.7760, 64.7400, -5.8840



7.4090, 6.0980, -0.3820

Inverse Universe

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



103.7030, -38.4680, 3.3240



124.0350, -59.8340, 5.0780



80.2230, -27.4680, 24.2440



72.2600, -3.6680, 0.3960



58.8110, -65.0150, 5.3610



5.5910, -6.0980, 0.3820

Previews

White Background



This preview shows how the YIQ color 117.2970, 38.4680, -3.3240 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 117.2970, 38.4680, -3.3240 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 117.2970, 38.4680, -3.3240

Background



This preview shows how black text looks on a background with the YIQ color 117.2970, 38.4680, -3.3240.



This preview shows how white text looks on a background with the YIQ color 117.2970, 38.4680,

-3.3240.

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

117.2970, 38.4680, -3.3240

Protanopia

116.0450, 21.3220, -11.9740

Deuteranopia

117.1390, 32.9210, -7.4230



Tritanopia

120.1610, 27.8280, 13.3000

Trichromacy



Original Color

117.2970, 38.4680, -3.3240

Protanomaly

116.5620, 27.2360, -9.0200

Deuteranomaly

117.4490, 34.9840, -6.2640

Tritanomaly

119.2120, 31.8180, 7.0660

Monochromacy



Original Color

117.2970, 38.4680, -3.3240

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1880, 14.0300, -0.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2970, 38.4680, -3.3240 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(152, 109, 69)` looks like.

```
.text, #text, p{  
    color:rgb(152, 109, 69)  
}
```

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(152, 109, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 109, 69) }
```

Border

The CSS property to change the border of an element to YIQ 117.2970, 38.4680, -3.3240 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(152, 109, 69) }
```


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

```
.border{ border-color:rgb(152, 109, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 109, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 109, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 109, 69);  
box-shadow:4px 4px 4px 4px rgb(152, 109,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2970, 38.4680, -3.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 109, 69) }
```

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

```
.background{ background-color: rgb(152,  
109, 69) }
```

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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