

Converting Colors

YIQ(117.2440, 37.9600, 16.9040)

Have a look what the booklet for
YIQ(117.2440, 37.9600, 16.9040)
contains.

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Color

**YIQ(117.2440, 37.9600,
16.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	A46068
RGB	164, 96, 104
RGB Percent	64%, 38%, 41%
CMY	0.3567, 0.6236, 0.5920
CMYK	0.00, 0.41, 0.37, 0.36
HSL	353°, 27%, 51%
HSV	353°, 41%, 64%
XYZ	21.9994, 17.2578, 15.2781
YIQ	117.2440, 37.9600, 16.9040

Conversions

Conversions Part 2

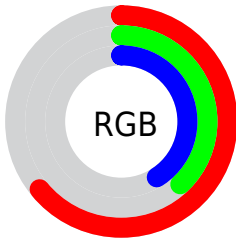
Format	Color
RYB	164, 96, 104
Decimal	10772584
CIELab	48.58, 28.62, 7.42
CIElCh	49, 29.563, 14.540
Yxy	17.2578, 0.4034, 0.3165
Android (android.graphics.Color)	4288962664 (0xFFA46068)
YUV	117.2440, -6.5293, 41.0050
Hunter-Lab	41.5425, 21.8280, 7.2746

Details

The YIQ color **117.2440, 37.9600, 16.9040** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.7560, -37.9600, -16.9040**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6250, 41.2610, 17.6530**, and **67.5640, 34.0630, 15.9430** is the 20% darker color. If you saturate the color by 10%, you get **106.2560, 46.8540, 20.9180**, and if you desaturate by 10%, it is **128.2320, 29.0660, 12.8900**.

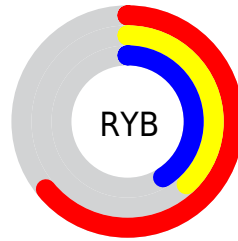
Distribution



Red (64%)

Green (38%)

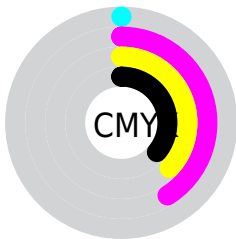
Blue (41%)



Red (64%)

Yellow (38%)

Blue (41%)

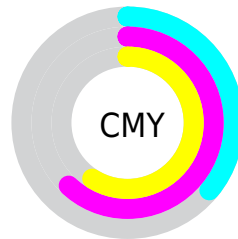


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (36%)



Cyan (36%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2440, 37.9600, 16.9040 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 117.2440, 37.9600, 16.9040 by changing the saturation by 10% instead.

■ 117.2440, 37.9600,
16.9040

■ 117.2440, 37.9600,
16.9040

■ 255.0000, -0.0000,
-0.0000

■ 91.7600, 36.4470,
16.7910

■ 170.6250, 41.2610,
17.6530

■ 67.5640, 34.0630,
15.9430

■ 198.2230, 42.4530,
18.0770

■ 43.3080, 31.9080,
16.4520

■ 218.6450, 29.3410,
13.4130

■ 18.9380, 30.0740,
16.6500

■ 238.9740, 12.0570,
7.2650

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 117.2440, 37.9600,
16.9040

■ 117.2440, 37.9600,
16.9040

■ 106.2560, 46.8540,
20.9180

■ 128.2320, 29.0660,
12.8900

■ 94.5670, 56.3440,
25.1440

■ 139.9210, 19.5760,
8.6640

■ 83.5790, 65.2380,
29.1580

■ 150.9090, 10.6820,
4.6500

■ 71.8900, 74.7280,
33.3840

■ 162.5980, 1.1920,
0.4240

■ 60.9020, 83.6220,
37.3980

■ 173.5860, -7.7020,
-3.5900


■ 51.2020, 91.6450,
40.6770

■ 184.6880,
-16.9170, -7.2930

■ 196.2630,
-26.0860, -11.8300

■ 207.3650,

-35.3010, -15.5330

 218.9400,
-44.4700, -20.0700

Harmonies

Analogous

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



118.2890, 24.8920, 22.4600



117.2440, 37.9600, 16.9040



116.0620, 40.9880, 6.0760

Triad

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



117.2440, 37.9600, 16.9040



109.3020, -4.6270, -20.7790



106.3420, -53.6890, -1.6650

Complementary

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



117.2440, 37.9600, 16.9040



142.7560, -37.9600, -16.9040

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.



91.6490, -83.0750, -19.7710



117.2440, 37.9600, 16.9040



104.2910, -32.4570, -23.0250

Square

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



117.2440, 37.9600, 16.9040



112.6700, 17.8840, -15.7480



94.6860, -67.3020, -24.7900



115.2150, -24.9900, 12.3700

Rectangle

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



117.2440, 37.9600, 16.9040



114.8670, 36.8630, -1.7690



94.6860, -67.3020, -24.7900



102.0910, -63.4080, -7.2480

Sweetspot

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



117.2440, 37.9600, 16.9040



196.2300, 14.2120, 6.7560



121.3930, 13.3360, 33.6560



96.7130, 8.2980, 3.8020



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.



117.2440, 37.9600, 16.9040



140.4750, 59.5990, 26.7270



131.0070, 33.6530, 1.3410



75.8050, 5.0430, 2.2190



45.2930, 80.9630, 36.0270



5.6100, 10.0860, 4.4380

Inverse Universe

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



117.2440, 37.9600, 16.9040



140.4750, 59.5990, 26.7270



128.9930, -33.6530, -1.3410



75.8050, 5.0430, 2.2190



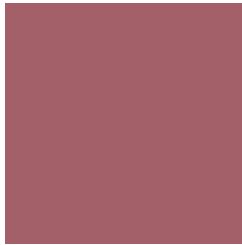
45.2930, 80.9630, 36.0270



5.6100, 10.0860, 4.4380

Previews

White Background



This preview shows how the YIQ color 117.2440, 37.9600, 16.9040 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 117.2440, 37.9600, 16.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

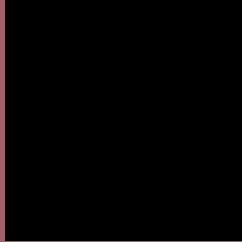
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.2440, 37.9600, 16.9040

Background



This preview shows how black text looks on a background with the YIQ color 117.2440, 37.9600, 16.9040.



This preview shows how white text looks on a background with the YIQ color 117.2440, 37.9600,

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

117.2440, 37.9600, 16.9040

Protanopia

115.7830, 2.1090, 0.3250

Deuteranopia

116.7260, 15.4510, 0.8190



Tritanopia

117.1300, 38.2810, 16.5930

Trichromacy



Original Color

117.2440, 37.9600, 16.9040

Protanomaly

116.3010, 15.4500, 6.3460

Deuteranomaly

116.9060, 23.9320, 6.8120

Tritanomaly

117.1300, 38.2810, 16.5930

Monochromacy



Original Color

117.2440, 37.9600, 16.9040

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8170, 13.9370, 6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2440, 37.9600, 16.9040 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(164, 96, 104)` looks like.

```
.text, #text, p{  
    color:rgb(164, 96, 104)  
}
```

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(164, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 96, 104) }
```

Border

The CSS property to change the border of an element to YIQ 117.2440, 37.9600, 16.9040 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(164, 96, 104) }
```


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

```
.border{ border-color:rgb(164, 96, 104) }
```

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

Here you see how a box with a 4 pixel rgb(164, 96, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(164, 96,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2440, 37.9600, 16.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 96, 104) }
```

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

```
.background{ background-color: rgb(164, 96,  
104) }
```

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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