

Converting Colors

YIQ(108.7640, 48.9600, 37.8240)

Have a look what the booklet for
YIQ(108.7640, 48.9600, 37.8240)
contains.

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Color

**YIQ(108.7640, 48.9600,
37.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	B34777
RGB	179, 71, 119
RGB Percent	70%, 28%, 47%
CMY	0.2978, 0.7217, 0.5332
CMYK	0.00, 0.60, 0.34, 0.30
HSL	333°, 43%, 49%
HSV	333°, 60%, 70%
XYZ	24.1899, 15.4260, 19.1680
YIQ	108.7640, 48.9600, 37.8240

Conversions

Conversions Part 2

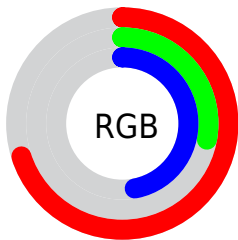
Format	Color
R_{YB}	179, 71, 119
Decimal	11749239
CIE _{Lab}	46.21, 48.70, -4.83
CIE _{LCh}	46, 48.943, 354.339
Yxy	15.4260, 0.4115, 0.2624
Android (android.graphics.Color)	4289939319 (0xFFB34777)
YUV	108.7640, 5.0463, 61.5970
Hunter-Lab	39.2760, 41.2043, -1.4423

Details

The YIQ color **108.7640, 48.9600, 37.8240** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **141.2360, -48.9600, -37.8240**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4440, 52.8570, 38.7850**, and **50.1540, 48.0420, 43.4500** is the 20% darker color. If you saturate the color by 10%, you get **97.0580, 57.1200, 44.1280**, and if you desaturate by 10%, it is **120.4700, 40.8000, 31.5200**.

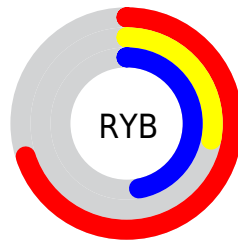
Distribution



Red (70%)

Green (28%)

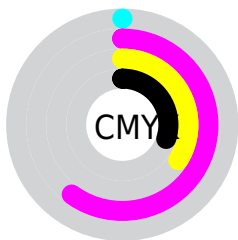
Blue (47%)



Red (70%)

Yellow (28%)

Blue (47%)

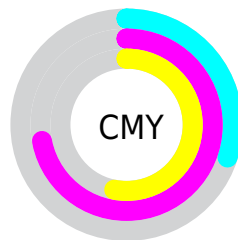


Cyan (0%)

Magenta (60%)

Yellow (34%)

Black (30%)



Cyan (30%)


Magenta (72%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.7640, 48.9600, 37.8240 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 108.7640, 48.9600, 37.8240 by changing the saturation by 10% instead.


 108.7640, 48.9600,
37.8240


 108.7640, 48.9600,
37.8240


255.0000, -0.0000,
-0.0000


 81.6930, 47.7220,
38.2340


 163.4440, 52.8570,
38.7850


 50.1540, 48.0420,
43.4500


 188.0410, 46.6220,
36.1420


 33.8770, 41.2120,
35.0680

 207.6690, 29.9340,
30.2060

 23.5240, 31.5400,
23.1240

 227.4110, 12.9250,
24.5810

 13.2700, 25.9030,
9.6390

 244.4340, 4.9500,
9.4140

 0.0000, 0.0000,
0.0000

■ 108.7640, 48.9600,
37.8240

■ 108.7640, 48.9600,
37.8240

■ 97.0580, 57.1200,
44.1280

■ 120.4700, 40.8000,
31.5200

■ 85.3520, 65.2800,
50.4320

■ 132.1760, 32.6400,
25.2160

■ 73.6460, 73.4400,
56.7360

■ 143.8820, 24.4800,
18.9120

■ 62.6410, 81.0040,
62.8280

■ 155.5880, 16.3200,
12.6080


■ 166.7070, 8.4350,
6.8270

■ 178.4130, 0.2750,
0.5230

■ 190.1190, -7.8850,
-5.7810

■ 201.8250,

-16.0450, -12.0850

 213.5310,
-24.2050, -18.3890

Harmonies

Analogous

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



112.7680, 16.7740, 37.4300



108.7640, 48.9600, 37.8240



107.0470, 63.6800, 24.3520

Triad

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



108.7640, 48.9600, 37.8240



100.9450, 17.8870, -32.3290



93.4390, -90.8710, -10.6390

Complementary

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



108.7640, 48.9600, 37.8240



141.2360, -48.9600, -37.8240

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.



91.9110, -81.0570, -23.3050



108.7640, 48.9600, 37.8240



92.6590, -28.2820, -38.1220

Square

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



108.7640, 48.9600, 37.8240



104.6500, 46.9990, -20.2730



86.5360, -67.3000, -35.8440



90.4530, -93.4860, -1.7900

Rectangle

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



108.7640, 48.9600, 37.8240



106.9030, 63.5450, 10.2730



86.5360, -67.3000, -35.8440



93.4730, -88.2110, -14.7950

Sweetspot

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



108.7640, 48.9600, 37.8240



204.7240, 18.9330, 14.8130



100.9530, 0.4960, 46.0960



100.1420, 11.6440, 9.2440



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



108.7640, 48.9600, 37.8240



123.3690, 75.7780, 58.4180



106.2270, 62.9930, 20.2810



83.1470, 4.0800, 3.1520



53.4990, 69.3600, 53.5840



9.0280, 11.9650, 8.9330

Inverse Universe

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



108.7640, 48.9600, 37.8240



123.3690, 75.7780, 58.4180



143.7730, -62.9930, -20.2810



83.1470, 4.0800, 3.1520



53.4990, 69.3600, 53.5840



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 108.7640, 48.9600, 37.8240 looks on a white background.

Color Contrast Check

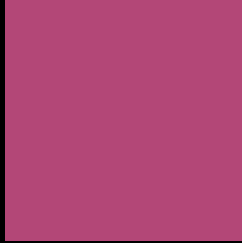
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7640, 48.9600, 37.8240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

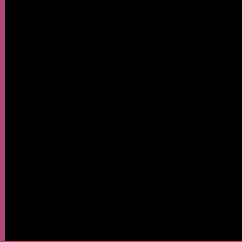
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.7640, 48.9600, 37.8240

Background



This preview shows how black text looks on a background with the YIQ color 108.7640, 48.9600, 37.8240.



This preview shows how white text looks on a background with the YIQ color 108.7640, 48.9600,

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

108.7640, 48.9600, 37.8240

Protanopia

110.5980, -16.0030, 9.1890

Deuteranopia

111.3860, 4.9050, 4.7210



Tritanopia

108.5730, 56.2070, 22.1190

Trichromacy



Original Color

108.7640, 48.9600, 37.8240

Protanomaly

109.7260, 7.4240, 19.6480

Deuteranomaly

110.5610, 20.9500, 16.8060

Tritanomaly

108.5930, 53.4550, 27.9430

Monochromacy



Original Color

108.7640, 48.9600, 37.8240

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7130, 17.4660, 13.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.7640, 48.9600, 37.8240 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(179, 71, 119)` looks like.

```
.text, #text, p{  
    color:rgb(179, 71, 119)  
}
```

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(179, 71, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 71, 119) }
```

Border

The CSS property to change the border of an element to YIQ 108.7640, 48.9600, 37.8240 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(179, 71, 119) }
```


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

```
.border{ border-color:rgb(179, 71, 119) }
```

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

Here you see how a box with a 4 pixel rgb(179, 71, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 71, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 71, 119);  
box-shadow:4px 4px 4px 4px rgb(179, 71,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 108.7640, 48.9600, 37.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 71, 119) }
```

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

```
.background{ background-color: rgb(179, 71,  
119) }
```

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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