

Converting Colors

YIQ(112.9750, 46.9880, 40.5240)

Have a look what the booklet for
YIQ(112.9750, 46.9880, 40.5240)
contains.

YIQ(112.9750, 46.9880, 40.5240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(112.9750, 46.9880,
40.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	B74A82
RGB	183, 74, 130
RGB Percent	72%, 29%, 51%
CMY	0.2821, 0.7100, 0.4901
CMYK	0.00, 0.60, 0.29, 0.28
HSL	329°, 43%, 50%
HSV	329°, 60%, 72%
XYZ	26.0237, 16.5806, 22.9607
YIQ	112.9750, 46.9880, 40.5240

Conversions

Conversions Part 2

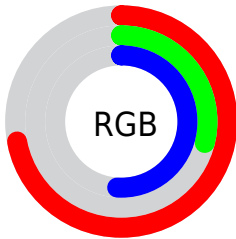
Format	Color
RYB	183, 74, 130
Decimal	12012162
CIELab	47.73, 49.99, -9.17
CIElCh	48, 50.821, 349.606
Yxy	16.5806, 0.3969, 0.2529
Android (android.graphics.Color)	4290202242 (0xFFB74A82)
YUV	112.9750, 8.3933, 61.4119
Hunter-Lab	40.7193, 42.8206, -4.9288

Details

The YIQ color **112.9750, 46.9880, 40.5240** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.0250, -46.9880, -40.5240**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3560, 50.2890, 41.2730**, and **54.8380, 46.1160, 45.3160** is the 20% darker color. If you saturate the color by 10%, you get **101.3830, 54.8270, 47.1390**, and if you desaturate by 10%, it is **124.5670, 39.1490, 33.9090**.

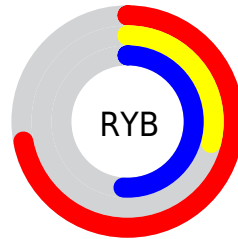
Distribution



Red (72%)

Green (29%)

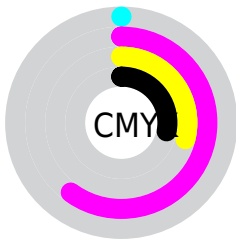
Blue (51%)



Red (72%)

Yellow (29%)

Blue (51%)

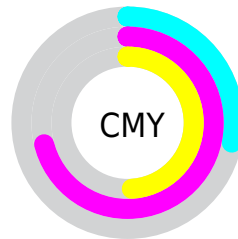


Cyan (0%)

Magenta (60%)

Yellow (29%)

Black (28%)



Cyan (28%)


Magenta (71%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.9750, 46.9880, 40.5240 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 112.9750, 46.9880, 40.5240 by changing the saturation by 10% instead.


 112.9750, 46.9880,
40.5240


 112.9750, 46.9880,
40.5240


255.0000, -0.0000,
-0.0000


 85.9040, 45.7500,
40.9340


 168.3560, 50.2890,
41.2730

 54.8380, 46.1160,
45.3160


 191.2840, 41.6240,
38.6160


 36.2130, 40.3860,
39.0260

 210.9120, 24.9360,
32.6800

 25.6320, 31.3560,
26.4600

 229.7590, 11.8250,
22.4890

 16.2470, 24.7100,
14.7420

 246.7820, 3.8500,
7.3220

 0.0000, 0.0000,
0.0000

■ 112.9750, 46.9880,
40.5240

■ 112.9750, 46.9880,
40.5240

■ 101.3830, 54.8270,
47.1390

■ 124.5670, 39.1490,
33.9090

■ 89.2040, 62.9410,
54.2770

■ 136.7460, 31.0350,
26.7710

■ 77.6120, 70.7800,
60.8920

■ 148.3380, 23.1960,
20.1560

■ 66.0200, 78.6190,
67.5070

■ 159.9300, 15.3570,
13.5410

■ 65.4330, 78.8940,
68.0300


■ 171.5220, 7.5180,
6.9260

■ 183.5870, -0.2750,
-0.5230

■ 195.1790, -8.1140,
-7.1380

■ 206.7710,

-15.9530, -13.7530

 218.9500,
-24.0670, -20.8910

Harmonies

Analogous

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



116.3590, 10.6760, 37.8120



112.9750, 46.9880, 40.5240



110.1660, 64.9630, 28.6350

Triad

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



112.9750, 46.9880, 40.5240



105.1260, 24.6270, -33.3330



97.1890, -93.1630, -13.1550

Complementary

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



112.9750, 46.9880, 40.5240



144.0250, -46.9880, -40.5240

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.



94.7320, -82.1110, -26.2310



112.9750, 46.9880, 40.5240



97.7370, -19.7540, -38.4900

Square

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



112.9750, 46.9880, 40.5240



108.7540, 52.6380, -17.8420



89.0150, -67.3910, -39.7030



94.1860, -97.1080, -2.2280

Rectangle

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



112.9750, 46.9880, 40.5240



110.3920, 66.6620, 14.3580



89.0150, -67.3910, -39.7030



96.5220, -89.9070, -17.0990

Sweetspot

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



112.9750, 46.9880, 40.5240



209.3650, 18.5660, 15.9580



102.2730, -3.4010, 45.1350



102.6690, 11.5980, 10.0780



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



112.9750, 46.9880, 40.5240



127.1610, 73.6680, 63.6200



106.8190, 64.3220, 23.7300



86.1470, 4.0800, 3.1520



55.7640, 67.2960, 57.9520



9.9680, 12.1940, 10.2900

Inverse Universe

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



112.9750, 46.9880, 40.5240



127.1610, 73.6680, 63.6200



150.1810, -64.3220, -23.7300



86.1470, 4.0800, 3.1520



55.7640, 67.2960, 57.9520



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 112.9750, 46.9880, 40.5240 looks on a white background.

Color Contrast Check

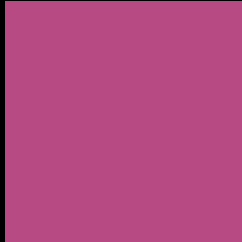
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9750, 46.9880, 40.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

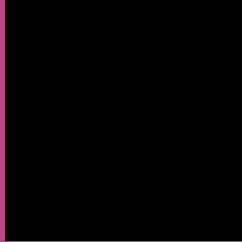
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.9750, 46.9880, 40.5240

Background



This preview shows how black text looks on a background with the YIQ color 112.9750, 46.9880, 40.5240.



This preview shows how white text looks on a background with the YIQ color 112.9750, 46.9880,

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

112.9750, 46.9880, 40.5240

Protanopia

113.7270, -20.6800, 11.3520

Deuteranopia

115.1730, 1.1910, 5.9510



Tritanopia

112.6870, 55.8860, 22.4300

Trichromacy



Original Color

112.9750, 46.9880, 40.5240

Protanomaly

113.4530, 3.9390, 22.2350

Deuteranomaly

114.6470, 17.8320, 18.2480

Tritanomaly

112.9350, 52.4920, 28.8760

Monochromacy



Original Color

112.9750, 46.9880, 40.5240

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9410, 16.8240, 14.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.9750, 46.9880, 40.5240 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(183, 74, 130)` looks like.

```
.text, #text, p{  
    color:rgb(183, 74, 130)  
}
```

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(183, 74, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 74, 130) }
```

Border

The CSS property to change the border of an element to YIQ 112.9750, 46.9880, 40.5240 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(183, 74, 130) }
```


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

```
.border{ border-color:rgb(183, 74, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 74, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 74, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 74, 130);  
box-shadow:4px 4px 4px 4px rgb(183, 74,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 112.9750, 46.9880, 40.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 74, 130) }
```

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

```
.background{ background-color: rgb(183, 74,  
130) }
```

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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