

Converting Colors

YIQ(111.2700, 36.2120, 48.5960)

Have a look what the booklet for
YIQ(111.2700, 36.2120, 48.5960)
contains.

YIQ(111.2700, 36.2120, 48.5960)	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(111.2700, 36.2120,
48.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	B0469A
RGB	176, 70, 154
RGB Percent	69%, 27%, 60%
CMY	0.3095, 0.7256, 0.3960
CMYK	0.00, 0.60, 0.13, 0.31
HSL	312°, 43%, 48%
HSV	312°, 60%, 69%
XYZ	25.9439, 15.9477, 32.2914
YIQ	111.2700, 36.2120, 48.5960

Conversions

Conversions Part 2

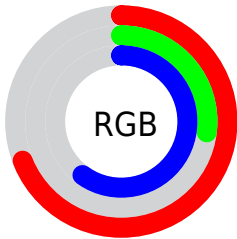
Format	Color
RYB	176, 70, 154
Decimal	11552410
CIELab	46.91, 53.20, -24.92
CIElCh	47, 58.742, 334.902
Yxy	15.9477, 0.3497, 0.2150
Android (android.graphics.Color)	4289742490 (0xFFB0469A)
YUV	111.2700, 21.0659, 56.7682
Hunter-Lab	39.9346, 46.0786, -19.9882

Details

The YIQ color **111.2700, 36.2120, 48.5960** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **134.7300, -36.2120, -48.5960**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5800, 38.2750, 49.7550**, and **49.3830, 37.6320, 55.9040** is the 20% darker color. If you saturate the color by 10%, you get **100.2480, 42.4460, 56.7660**, and if you desaturate by 10%, it is **122.2920, 29.9780, 40.4260**.

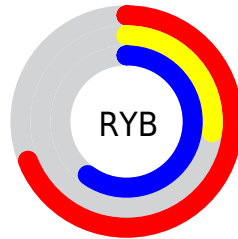
Distribution



Red (69%)

Green (27%)

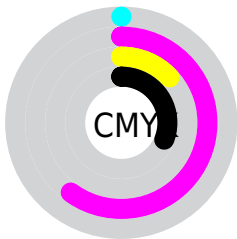
Blue (60%)



Red (69%)

Yellow (27%)

Blue (60%)

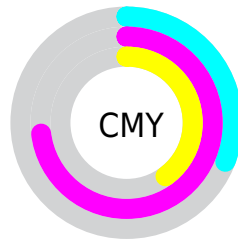


Cyan (0%)

Magenta (60%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (73%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.2700, 36.2120, 48.5960 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 111.2700, 36.2120, 48.5960 by changing the saturation by 10% instead.

111.2700, 36.2120,
48.5960

111.2700, 36.2120,
48.5960

255.0000, -0.0000,
-0.0000

83.4980, 35.5700,
49.2180

166.5800, 38.2750,
49.7550

49.3830, 37.6320,
55.9040

191.9000, 34.3780,
48.7940

36.9980, 30.9860,
44.1860

210.3880, 20.9000,
39.7480

26.3030, 22.2770,
31.3090

227.4110, 12.9250,
24.5810

16.7330, 14.7140,
19.6900

244.4340, 4.9500,
9.4140

0.6840, -1.9260,
1.8660

0.0000, 0.0000,

0.0000

■ 111.2700, 36.2120,
48.5960

■ 111.2700, 36.2120,
48.5960

■ 100.2480, 42.4460,
56.7660

■ 122.2920, 29.9780,
40.4260

■ 89.9270, 48.0840,
64.7240

■ 132.6130, 24.3400,
32.4680

■ 78.9050, 54.3180,
72.8940

■ 143.6350, 18.1060,
24.2980

■ 68.4700, 60.2770,
80.5410

■ 154.0700, 12.1470,
16.6510

■ 164.9780, 6.2340,
8.1700

■ 176.0000, -0.0000,
-0.0000

■ 186.4350, -5.9590,
-7.6470

■ 197.3430,
-11.8720, -16.1280

■ 207.7780,
-17.8310, -23.7750

Harmonies

Analogous

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



113.3590, -15.6870, 36.5130



111.2700, 36.2120, 48.5960



104.6310, 68.6280, 44.8200

Triad

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



111.2700, 36.2120, 48.5960



103.7170, 44.8920, -31.6520



97.1090, -90.1820, -17.6220

Complementary

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



111.2700, 36.2120, 48.5960



134.7300, -36.2120, -48.5960

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.



92.1100, -74.7280, -33.3840



111.2700, 36.2120, 48.5960



96.9230, 5.7850, -44.2870

Square

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



111.2700, 36.2120, 48.5960



105.2510, 70.4720, -10.6480



84.5350, -57.5320, -47.6760



97.4630, -99.4460, -3.9100

Rectangle

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



111.2700, 36.2120, 48.5960



104.7930, 76.3790, 30.9950



84.5350, -57.5320, -47.6760



95.3990, -85.3670, -22.2870

Sweetspot

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



111.2700, 36.2120, 48.5960



204.3200, 14.4390, 19.1670



88.3630, -21.5100, 37.4180



99.7550, 8.4800, 11.5200



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



111.2700, 36.2120, 48.5960



128.5680, 56.8850, 75.9330



105.3420, 52.9040, 32.4240



83.4890, 3.1170, 4.0850



59.5410, 52.3470, 70.0670



10.0540, 9.0760, 11.7320

Inverse Universe

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



111.2700, 36.2120, 48.5960



128.5680, 56.8850, 75.9330



140.6580, -52.9040, -32.4240



83.4890, 3.1170, 4.0850



59.5410, 52.3470, 70.0670



10.0540, 9.0760, 11.7320

Previews

White Background



This preview shows how the YIQ color 111.2700, 36.2120, 48.5960 looks on a white background.

Color Contrast Check

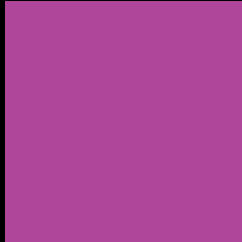
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2700, 36.2120, 48.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

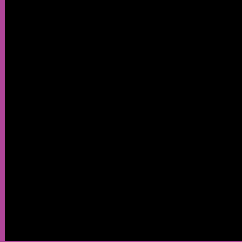
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.2700, 36.2120, 48.5960

Background



This preview shows how black text looks on a background with the YIQ color 111.2700, 36.2120, 48.5960.



This preview shows how white text looks on a background with the YIQ color 111.2700, 36.2120,

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

111.2700, 36.2120, 48.5960

Protanopia

109.1070, -42.0010, 17.7990

Deuteranopia

112.2390, -16.3700, 10.3340



Tritanopia

111.8000, 48.1380, 19.6740

Trichromacy



Original Color

111.2700, 36.2120, 48.5960



Protanomaly

109.9860, -13.4390, 28.8090



Deuteranomaly

111.7350, 3.2050, 24.5250



Tritanomaly

111.4980, 43.5970, 30.3890

Monochromacy



Original Color

111.2700, 36.2120, 48.5960



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.1950, 13.2930, 17.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.2700, 36.2120, 48.5960 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(176, 70, 154)` looks like.

```
.text, #text, p{  
    color:rgb(176, 70, 154)  
}
```

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(176, 70, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 70, 154) }
```

Border

The CSS property to change the border of an element to YIQ 111.2700, 36.2120, 48.5960 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(176, 70, 154) }
```


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

```
.border{ border-color:rgb(176, 70, 154) }
```

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

Here you see how a box with a 4 pixel rgb(176, 70, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 70, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 70, 154);  
box-shadow:4px 4px 4px 4px rgb(176, 70,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 111.2700, 36.2120, 48.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 70, 154) }
```

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

```
.background{ background-color: rgb(176, 70,  
154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor