

Converting Colors

YIQ(112.2160, 36.3040, 46.9280)

Have a look what the booklet for
YIQ(112.2160, 36.3040, 46.9280)
contains.

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Color

**YIQ(112.2160, 36.3040,
46.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	B04898
RGB	176, 72, 152
RGB Percent	69%, 28%, 60%
CMY	0.3095, 0.7178, 0.4038
CMYK	0.00, 0.59, 0.14, 0.31
HSL	314°, 42%, 49%
HSV	314°, 59%, 69%
XYZ	25.9054, 16.1357, 31.4639
YIQ	112.2160, 36.3040, 46.9280

Conversions

Conversions Part 2

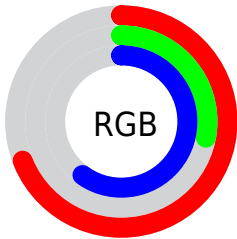
Format	Color
RYB	176, 72, 152
Decimal	11552920
CIELab	47.15, 51.97, -23.34
CIElCh	47, 56.975, 335.814
Yxy	16.1357, 0.3524, 0.2195
Android (android.graphics.Color)	4289743000 (0xFFB04898)
YUV	112.2160, 19.6135, 55.9386
Hunter-Lab	40.1693, 44.8193, -18.3223

Details

The YIQ color **112.2160, 36.3040, 46.9280** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.7840, -36.3040, -46.9280**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4120, 38.6880, 47.7760**, and **52.6770, 36.6240, 52.1440** is the 20% darker color. If you saturate the color by 10%, you get **101.1940, 42.5380, 55.0980**, and if you desaturate by 10%, it is **123.2380, 30.0700, 38.7580**.

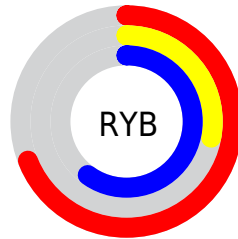
Distribution



Red (69%)

Green (28%)

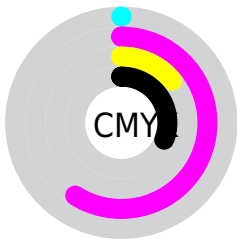
Blue (60%)



Red (69%)

Yellow (28%)

Blue (60%)

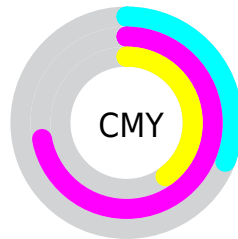


Cyan (0%)

Magenta (59%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (72%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.2160, 36.3040, 46.9280 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 112.2160, 36.3040, 46.9280 by changing the saturation by 10% instead.

112.2160, 36.3040,
46.9280

112.2160, 36.3040,
46.9280

255.0000, -0.0000,
-0.0000

84.4440, 35.6620,
47.5500

167.5260, 38.3670,
48.0870

52.3890, 37.4950,
52.8790

192.8460, 34.4700,
47.1260

36.8840, 31.3070,
43.8750

211.5620, 20.3500,
38.7020

26.1890, 22.5980,
30.9980

228.5850, 12.3750,
23.5350

16.8040, 15.9520,
19.2800

245.6080, 4.4000,
8.3680

0.3420, -0.9630,
0.9330

0.0000, 0.0000,

0.0000

■ 112.2160, 36.3040,
46.9280

■ 112.2160, 36.3040,
46.9280

■ 101.1940, 42.5380,
55.0980

■ 123.2380, 30.0700,
38.7580

■ 90.7590, 48.4970,
62.7450

■ 133.6730, 24.1110,
31.1110

■ 79.7370, 54.7310,
70.9150

■ 144.6950, 17.8770,
22.9410

■ 69.3020, 60.6900,
78.5620

■ 155.1300, 11.9180,
15.2940

■ 68.0140, 61.5610,
79.2970

■ 166.1520, 5.6840,
7.1240

■ 177.1740, -0.5500,
-1.0460

■ 187.6090, -6.5090,
-8.6930

■ 198.7450,
-13.0640, -16.5520

■ 209.1800,
-19.0230, -24.1990

Harmonies

Analogous

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



114.5010, -13.2110, 35.6930



112.2160, 36.3040, 46.9280



106.3810, 66.3360, 42.3040

Triad

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



112.2160, 36.3040, 46.9280



104.0050, 44.0210, -32.3870



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.



112.2160, 36.3040, 46.9280



135.7840, -36.3040, -46.9280

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.



92.3380, -75.3700, -32.7620



112.2160, 36.3040, 46.9280



98.3080, 3.2630, -42.6330

Square

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



112.2160, 36.3040, 46.9280



106.6960, 67.7210, -10.3510



84.8770, -58.4950, -46.7430



97.2350, -98.8040, -4.5320

Rectangle

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



112.2160, 36.3040, 46.9280



105.9560, 74.3620, 29.0020



84.8770, -58.4950, -46.7430



95.9860, -85.6420, -22.8100

Sweetspot

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



112.2160, 36.3040, 46.9280



204.2060, 14.7600, 18.8560



90.7330, -19.6760, 37.2200



99.6410, 8.8010, 11.2090



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.



112.2160, 36.3040, 46.9280



129.9870, 57.0230, 73.4310



106.4020, 52.6750, 31.0670



83.4890, 3.1170, 4.0850



59.1990, 53.3100, 69.1340



10.0540, 9.0760, 11.7320

Inverse Universe

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



112.2160, 36.3040, 46.9280



129.9870, 57.0230, 73.4310



141.5980, -52.6750, -31.0670



83.4890, 3.1170, 4.0850



59.1990, 53.3100, 69.1340



10.0540, 9.0760, 11.7320

Previews

White Background



This preview shows how the YIQ color 112.2160, 36.3040, 46.9280 looks on a white background.

Color Contrast Check

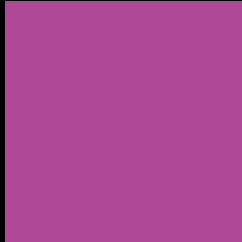
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2160, 36.3040, 46.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

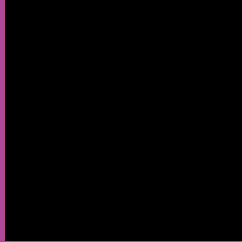
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.2160, 36.3040, 46.9280

Background



This preview shows how black text looks on a background with the YIQ color 112.2160, 36.3040, 46.9280.



This preview shows how white text looks on a background with the YIQ color 112.2160, 36.3040,

46.9280.

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

112.2160, 36.3040, 46.9280

Protanopia

110.5480, -38.9290, 17.1910

Deuteranopia

112.6090, -14.5360, 10.1360



Tritanopia

112.5010, 47.5420, 19.4620

Trichromacy



Original Color

112.2160, 36.3040, 46.9280



Protanomaly

110.9430, -11.8800, 28.0880



Deuteranomaly

112.3930, 4.1680, 23.5920



Tritanomaly

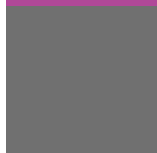
112.5580, 43.3680, 29.0320

Monochromacy



Original Color

112.2160, 36.3040, 46.9280



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

111.7820, 13.0180, 17.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2160, 36.3040, 46.9280 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, 72, 152)` looks like.

```
.text, #text, p{  
    color:rgb(176, 72, 152)  
}
```

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, 72, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 72, 152) }
```

Border

The CSS property to change the border of an element to YIQ 112.2160, 36.3040, 46.9280 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, 72, 152) }
```


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

```
.border{ border-color:rgb(176, 72, 152) }
```

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

Here you see how a box with a 4 pixel rgb(176, 72, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 72, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 72, 152);  
box-shadow:4px 4px 4px 4px rgb(176, 72,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2160, 36.3040, 46.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 72, 152) }
```

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

```
.background{ background-color: rgb(176, 72,  
152) }
```

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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