

Converting Colors

YIQ(112.6110, 46.1580, 66.5900)

Have a look what the booklet for
YIQ(112.6110, 46.1580, 66.5900)
contains.

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Color

**YIQ(112.6110, 46.1580,
66.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	C639AF
RGB	198, 57, 175
RGB Percent	78%, 22%, 69%
CMY	0.2231, 0.7767, 0.3136
CMYK	0.00, 0.71, 0.12, 0.22
HSL	310°, 55%, 50%
HSV	310°, 71%, 78%
XYZ	32.5166, 18.0364, 42.3371
YIQ	112.6110, 46.1580, 66.5900

Conversions

Conversions Part 2

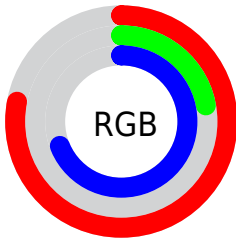
Format	Color
R_{YB}	198, 57, 175
Decimal	12990895
CIE Lab	49.54, 67.20, -32.98
CIE LCh	50, 74.851, 333.861
Yxy	18.0364, 0.3501, 0.1942
Android (android.graphics.Color)	4291180975 (0xFFC639AF)
YUV	112.6110, 30.7578, 74.8862
Hunter-Lab	42.4693, 62.3470, -29.3768

Details

The YIQ color **112.6110, 46.1580, 66.5900** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **142.3890, -46.1580, -66.5900**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6710, 45.9290, 65.2330**, and **55.7680, 44.2780, 67.6220** is the 20% darker color. If you saturate the color by 10%, you get **100.5290, 52.6210, 76.1170**, and if you desaturate by 10%, it is **124.6930, 39.6950, 57.0630**.

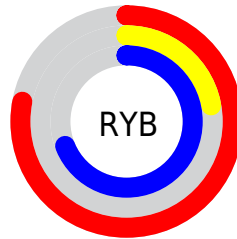
Distribution



Red (78%)

Green (22%)

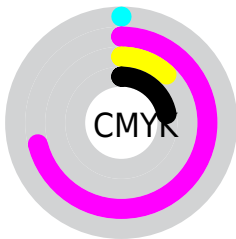
Blue (69%)



Red (78%)

Yellow (22%)

Blue (69%)

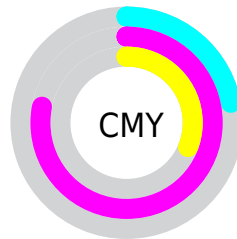


Cyan (0%)

Magenta (71%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (78%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.6110, 46.1580, 66.5900 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 112.6110, 46.1580, 66.5900 by changing the saturation by 10% instead.

■ 112.6110, 46.1580,
66.5900

■ 112.6110, 46.1580,
66.5900

255.0000, -0.0000,
-0.0000

■ 77.3820, 48.5410,
72.9650

■ 170.6710, 45.9290,
65.2330

■ 55.7680, 44.2780,
67.6220

■ 190.4300, 30.2500,
57.5300

■ 44.5460, 35.6150,
53.9110

■ 206.8660, 22.5500,
42.8860

■ 33.7370, 27.2270,
40.7230

■ 224.4760, 14.3000,
27.1960

■ 23.6400, 19.7100,
28.2700

■ 241.4990, 6.3250,
12.0290

■ 11.8630, 8.2960,
14.8560

■ 0.0000, 0.0000,

0.0000

■ 112.6110, 46.1580,
66.5900

■ 112.6110, 46.1580,
66.5900

■ 100.5290, 52.6210,
76.1170

■ 124.6930, 39.6950,
57.0630

■ 88.4470, 59.0840,
85.6440

■ 136.8890, 32.9110,
47.8470

■ 78.1260, 64.7220,
93.6020

■ 148.3840, 26.7230,
38.8430

■ 160.4660, 20.2600,
29.3160

■ 172.5480, 13.7970,
19.7890

■ 184.6300, 7.3340,
10.2620

■ 196.8260, 0.5500,
1.0460

■ 208.3210, -5.6380,
-7.9580

■ 220.4030,
-12.1010, -17.4850

Harmonies

Analogous

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



118.7790, -25.3170, 45.8430



112.6110, 46.1580, 66.5900



95.0170, 91.8690, 69.6690

Triad

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



112.6110, 46.1580, 66.5900



109.9300, 48.6060, -32.8820



105.9600, -99.9480, -16.8440

Complementary

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



112.6110, 46.1580, 66.5900



142.3890, -46.1580, -66.5900

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.



99.3650, -80.0000, -36.9600



112.6110, 46.1580, 66.5900



98.4030, 3.9530, -55.1430

Square

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



112.6110, 46.1580, 66.5900



109.6180, 85.5560, -8.6840



89.2650, -57.0720, -56.0160



108.1550, -113.0180, -0.2340

Rectangle

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



112.6110, 46.1580, 66.5900



100.0230, 99.7590, 47.8150



89.2650, -57.0720, -56.0160



104.2670, -93.8030, -23.5870

Sweetspot

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



112.6110, 46.1580, 66.5900



222.2760, 17.7390, 25.4430



79.3530, -32.7450, 48.3030



108.5320, 10.7260, 14.8700



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



112.6110, 46.1580, 66.5900



122.3430, 71.7810, 103.3410



104.7450, 68.3070, 45.1310



93.6030, 2.7960, 4.3960



64.3550, 53.1710, 77.1630



14.1840, 11.8260, 16.9620

Inverse Universe

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



112.6110, 46.1580, 66.5900



122.3430, 71.7810, 103.3410



150.2550, -68.3070, -45.1310



93.6030, 2.7960, 4.3960



64.3550, 53.1710, 77.1630



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 112.6110, 46.1580, 66.5900 looks on a white background.

Color Contrast Check

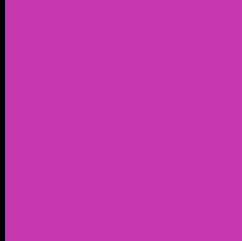
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6110, 46.1580, 66.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

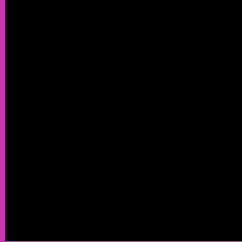
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.6110, 46.1580, 66.5900

Background



This preview shows how black text looks on a background with the YIQ color 112.6110, 46.1580, 66.5900.



This preview shows how white text looks on a background with the YIQ color 112.6110, 46.1580,

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

112.6110, 46.1580, 66.5900

Protanopia

110.1980, -69.8780, 21.9140

Deuteranopia

118.1010, -24.6690, 12.0590



Tritanopia

116.3780, 61.2500, 24.3380

Trichromacy



Original Color

112.6110, 46.1580, 66.5900



Protanomaly

111.0680, -27.9290, 38.1110



Deuteranomaly

115.9940, 1.2780, 31.9180



Tritanomaly

114.9390, 55.8370, 39.8450

Monochromacy



Original Color

112.6110, 46.1580, 66.5900



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

113.1510, 16.5930, 24.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6110, 46.1580, 66.5900 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(198, 57, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 57, 175)  
}
```

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(198, 57, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 57, 175) }
```

Border

The CSS property to change the border of an element to YIQ 112.6110, 46.1580, 66.5900 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(198, 57, 175) }
```


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

```
.border{ border-color:rgb(198, 57, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 57, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 57, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 57, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 57,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6110, 46.1580, 66.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 57, 175) }
```

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

```
.background{ background-color: rgb(198, 57,  
175) }
```

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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