

Converting Colors

YIQ(114.4510, 16.5890, 46.2930)

Have a look what the booklet for
YIQ(114.4510, 16.5890, 46.2930)
contains.

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Color

**YIQ(114.4510, 16.5890,
46.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	9F50AF
RGB	159, 80, 175
RGB Percent	62%, 31%, 69%
CMY	0.3762, 0.6864, 0.3137
CMYK	0.09, 0.54, 0.00, 0.31
HSL	290°, 37%, 50%
HSV	290°, 54%, 69%
XYZ	24.9145, 16.2049, 42.3711
YIQ	114.4510, 16.5890, 46.2930

Conversions

Conversions Part 2

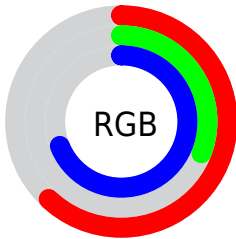
Format	Color
R_{YB}	159, 80, 175
Decimal	10440879
CIE _{Lab}	47.24, 47.40, -36.98
CIE _{LCh}	47, 60.116, 322.040
Yxy	16.2049, 0.2984, 0.1941
Android (android.graphics.Color)	4288630959 (0xFF9F50AF)
YUV	114.4510, 29.8507, 39.0695
Hunter-Lab	40.2554, 40.0288, -34.2275

Details

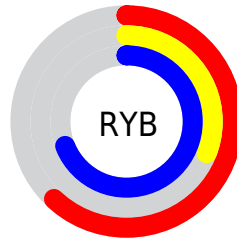
The YIQ color **114.4510, 16.5890, 46.2930** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **140.5490, -16.5890, -46.2930**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9890, 18.0100, 48.0740**, and **61.1520, 15.9930, 46.0810** is the 20% darker color. If you saturate the color by 10%, you get **102.9880, 19.7510, 55.0710**, and if you desaturate by 10%, it is **125.3270, 13.7020, 38.0380**.

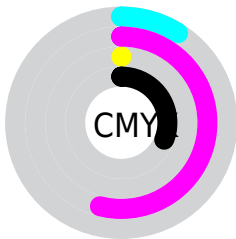
Distribution



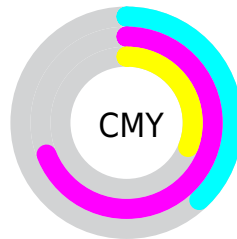
- Red (62%)
- Green (31%)
- Blue (69%)



- Red (62%)
- Yellow (31%)
- Blue (69%)



- Cyan (9%)
- Magenta (54%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.4510, 16.5890, 46.2930 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 114.4510, 16.5890, 46.2930 by changing the saturation by 10% instead.

■ 114.4510, 16.5890,
46.2930

■ 114.4510, 16.5890,
46.2930

■ 255.0000, -0.0000,
-0.0000

■ 88.0380, 16.3140,
45.7700

■ 168.4020, 18.2850,
48.5970

■ 61.1520, 15.9930,
46.0810

■ 196.2450, 20.1650,
47.5650

■ 34.6790, 15.9470,
46.9150

■ 215.0840, 18.7000,
35.5640

■ 24.0550, 8.4760,
33.6280

■ 232.1070, 10.7250,
20.3970

■ 14.8550, 2.7470,
21.8110

■ 249.1300, 2.7500,
5.2300

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 114.4510, 16.5890,
46.2930

■ 114.4510, 16.5890,
46.2930

■ 102.9880, 19.7510,
55.0710

■ 125.3270, 13.7020,
38.0380

■ 92.1120, 22.6380,
63.3260

■ 136.7900, 10.5400,
29.2600

■ 80.6490, 25.8000,
72.1040

■ 147.6660, 7.6530,
21.0050

■ 69.7730, 28.6870,
80.3590

■ 159.1290, 4.4910,
12.2270

■ 63.6040, 30.8410,
85.3770

■ 170.0050, 1.6040,
3.9720

■ 181.4680, -1.5580,
-4.8060

■ 192.3440, -4.4450,
-13.0610

■ 203.8070, -7.6070,
-21.8390

■ 214.3840,
-11.0900, -30.3060

Harmonies

Analogous

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



108.5660, -47.3670, 26.9450



114.4510, 16.5890, 46.2930



107.5300, 58.9070, 50.2910

Triad

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



114.4510, 16.5890, 46.2930



105.2890, 58.1410, -23.9630



96.2310, -84.9540, -24.2660

Complementary

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



114.4510, 16.5890, 46.2930



140.5490, -16.5890, -46.2930

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.



89.6020, -67.6660, -40.2260



114.4510, 16.5890, 46.2930



100.6280, 25.7290, -42.2950

Square

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



114.4510, 16.5890, 46.2930



106.5590, 76.0170, 4.5050



87.3060, -37.9540, -50.0660



99.2580, -97.6110, -9.6350

Rectangle

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



114.4510, 16.5890, 46.2930



104.2740, 73.9470, 42.0350



87.3060, -37.9540, -50.0660



94.2930, -79.4970, -29.5530

Sweetspot

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



114.4510, 16.5890, 46.2930



204.0740, 6.3240, 17.5560



100.8090, -35.1700, 20.6540



100.8900, 3.6660, 10.6580



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.



114.4510, 16.5890, 46.2930



132.6490, 25.8000, 72.1040



115.8150, 35.7550, 40.3550



81.1190, 1.2830, 4.2830



54.4750, 26.3500, 73.1500



8.3030, 3.9410, 11.1810

Inverse Universe

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



110.2290, 51.4840, 25.1160



126.1020, 80.1830, 39.1510



139.1850, -35.7550, -40.3550



80.8050, 5.0430, 2.2190



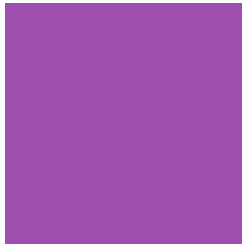
47.7000, 81.3750, 39.5750



7.3330, 12.4240, 6.1200

Previews

White Background



This preview shows how the YIQ color 114.4510, 16.5890, 46.2930 looks on a white background.

Color Contrast Check

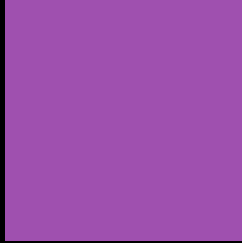
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4510, 16.5890, 46.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

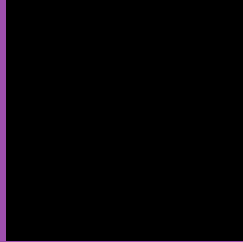
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.4510, 16.5890, 46.2930

Background



This preview shows how black text looks on a background with the YIQ color 114.4510, 16.5890, 46.2930.



This preview shows how white text looks on a background with the YIQ color 114.4510, 16.5890,

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

114.4510, 16.5890, 46.2930

Protanopia

107.3430, -54.2890, 20.2310

Deuteranopia

110.7240, -33.7930, 12.2150



Tritanopia

114.3460, 28.7450, 13.2010

Trichromacy



Original Color

114.4510, 16.5890, 46.2930

Protanomaly

109.6130, -28.3860, 29.8700

Deuteranomaly

111.9810, -15.0430, 24.8370

Tritanomaly

113.9840, 24.4330, 25.2730

Monochromacy



Original Color

114.4510, 16.5890, 46.2930

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2480, 5.7740, 16.5100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4510, 16.5890, 46.2930 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(159, 80, 175)` looks like.

```
.text, #text, p{  
    color:rgb(159, 80, 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(159, 80, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 80, 175) }
```

Border

The CSS property to change the border of an element to YIQ 114.4510, 16.5890, 46.2930 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(159, 80, 175) }
```


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

```
.border{ border-color:rgb(159, 80, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 80, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 80, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 80, 175);  
box-shadow:4px 4px 4px 4px rgb(159, 80,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4510, 16.5890, 46.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 80, 175) }
```

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

```
.background{ background-color: rgb(159, 80,  
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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