

Converting Colors

YIQ(116.2370, 13.4750, 25.6270)

Have a look what the booklet for
YIQ(116.2370, 13.4750, 25.6270)
contains.

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Color

**YIQ(116.2370, 13.4750,
25.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	916091
RGB	145, 96, 145
RGB Percent	57%, 38%, 57%
CMY	0.4312, 0.6236, 0.4314
CMYK	0.00, 0.34, 0.00, 0.43
HSL	300°, 20%, 47%
HSV	300°, 34%, 57%
XYZ	20.9758, 16.4296, 28.8554
YIQ	116.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

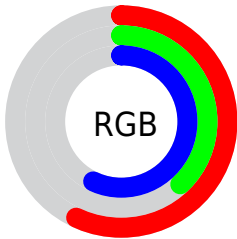
Format	Color
R_{YB}	145, 96, 145
Decimal	9527441
CIE _{Lab}	47.53, 28.31, -18.93
CIE _{LCh}	48, 34.049, 326.233
Yxy	16.4296, 0.3166, 0.2480
Android (android.graphics.Color)	4287717521 (0xFF916091)
YUV	116.2370, 14.1802, 25.2252
Hunter-Lab	40.5335, 21.4391, -13.8345

Details

The YIQ color **116.2370, 13.4750, 25.6270** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.7630, -13.4750, -25.6270**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7750, 14.8960, 27.4080**, and **66.6990, 12.0540, 23.8460** is the 20% darker color. If you saturate the color by 10%, you get **107.4320, 17.6000, 33.4720**, and if you desaturate by 10%, it is **124.4550, 9.6250, 18.3050**.

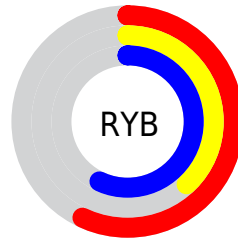
Distribution



Red (57%)

Green (38%)

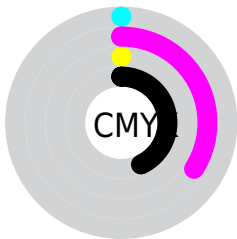
Blue (57%)



Red (57%)

Yellow (38%)

Blue (57%)

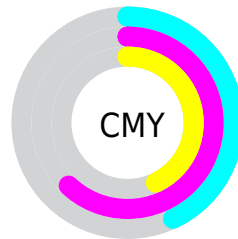


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (62%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.2370, 13.4750, 25.6270 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 116.2370, 13.4750, 25.6270 by changing the saturation by 10% instead.


 116.2370, 13.4750,
25.6270


 116.2370, 13.4750,
25.6270

255.0000, -0.0000,
-0.0000


 91.4110, 12.9250,
24.5810


 168.7750, 14.8960,
27.4080

 66.6990, 12.0540,
23.8460

 196.1880, 15.1710,
27.9310


 43.4000, 11.4580,
23.6340

 223.8890, 14.5750,
27.7190

 20.1010, 10.8620,
23.4220

 240.3250, 6.8750,
13.0750

 10.2540, 5.6370,
13.4850

 0.0000, 0.0000,
0.0000

■ 116.2370, 13.4750,
25.6270

■ 116.2370, 13.4750,
25.6270

■ 107.4320, 17.6000,
33.4720

■ 124.4550, 9.6250,
18.3050

■ 99.2140, 21.4500,
40.7940

■ 133.2600, 5.5000,
10.4600

■ 90.4090, 25.5750,
48.6390

■ 141.4780, 1.6500,
3.1380

■ 82.1910, 29.4250,
55.9610

■ 150.2830, -2.4750,
-4.7070

■ 73.3860, 33.5500,
63.8060

■ 159.0880, -6.6000,
-12.5520

■ 65.1680, 37.4000,
71.1280


■ 167.3060,
-10.4500, -19.8740

■ 59.8850, 39.8750,
75.8350

■ 176.1110,
-14.5750, -27.7190

■ 184.3290,

-18.4250, -35.0410

 193.1340,
-22.5500, -42.8860

Harmonies

Analogous

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



114.3950, -16.5090, 18.3630



116.2370, 13.4750, 25.6270



115.3180, 35.1160, 24.3960

Triad

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



116.2370, 13.4750, 25.6270



110.7920, 32.2800, -12.3280



90.1670, -78.9020, -23.8140

Complementary

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



116.2370, 13.4750, 25.6270



124.7630, -13.4750, -25.6270

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.



90.4490, -62.4410, -30.2890



116.2370, 13.4750, 25.6270



108.0880, 10.5950, -21.3170

Square

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



116.2370, 13.4750, 25.6270



112.5690, 43.6940, 1.0860



103.4250, -18.3350, -25.6550



91.0280, -85.4600, -15.0920

Rectangle

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



116.2370, 13.4750, 25.6270



114.2340, 43.9200, 19.0240



103.4250, -18.3350, -25.6550



89.7280, -76.2880, -27.1360

Sweetspot

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



116.2370, 13.4750, 25.6270



177.8470, 5.2250, 9.9370



101.5860, -15.7290, 15.2390



87.5430, 3.0250, 5.7530



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



116.2370, 13.4750, 25.6270



143.2140, 21.4500, 40.7940



113.5010, 21.1790, 18.1630



66.8910, 1.9250, 3.6610



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Inverse Universe

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



116.2370, 13.4750, 25.6270



143.2140, 21.4500, 40.7940



127.6130, -21.5000, -17.8520



66.8910, 1.9250, 3.6610



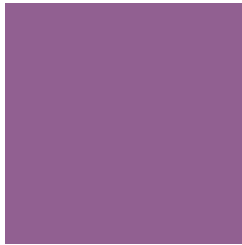
55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 116.2370, 13.4750, 25.6270 looks on a white background.

Color Contrast Check

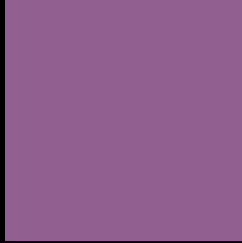
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2370, 13.4750, 25.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

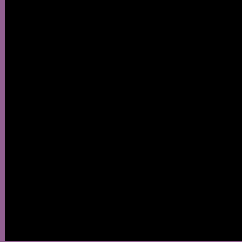
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.2370, 13.4750, 25.6270

Background



This preview shows how black text looks on a background with the YIQ color 116.2370, 13.4750, 25.6270.



This preview shows how white text looks on a background with the YIQ color 116.2370, 13.4750,

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

116.2370, 13.4750, 25.6270

Protanopia

113.5420, -21.5970, 11.4510

Deuteranopia

113.9360, -11.1430, 9.2170



Tritanopia

114.9750, 19.4840, 10.3320

Trichromacy



Original Color

116.2370, 13.4750, 25.6270

Protanomaly

114.3480, -9.1270, 16.7370

Deuteranomaly

115.0020, -2.3410, 14.8990

Tritanomaly

115.1800, 17.6490, 16.0570

Monochromacy



Original Color

116.2370, 13.4750, 25.6270

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.4340, 4.9500, 9.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.2370, 13.4750, 25.6270 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(145, 96, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 96, 145)  
}
```

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(145, 96, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 96, 145) }
```

Border

The CSS property to change the border of an element to YIQ 116.2370, 13.4750, 25.6270 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(145, 96, 145) }
```


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

```
.border{ border-color:rgb(145, 96, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 96, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 96, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 96, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 96,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 116.2370, 13.4750, 25.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 96, 145) }
```

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

```
.background{ background-color: rgb(145, 96,  
145) }
```

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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