

Converting Colors

XYZ(59.9466, 46.4492, 45.8505)

Have a look what the booklet for
XYZ(59.9466, 46.4492, 45.8505)
contains.

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Color

**XYZ(59.9466, 46.4492,
45.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97AE
RGB	255, 151, 174
RGB Percent	100%, 59%, 68%
CMY	0.0000, 0.4078, 0.3176
CMYK	0.00, 0.41, 0.32, 0.00
HSL	347°, 100%, 80%
HSV	347°, 41%, 100%
XYZ	59.9466, 46.4492, 45.8505
YIQ	184.7180, 54.6010, 29.2010

Conversions

Conversions Part 2

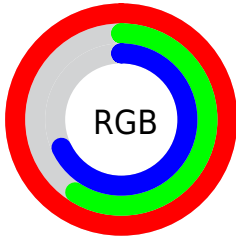
Format	Color
R_{YB}	255, 151, 174
Decimal	16750510
CIE _{Lab}	73.84, 41.57, 4.98
CIE _{LCh}	74, 41.864, 6.834
Yxy	46.4492, 0.3937, 0.3051
Android (android.graphics.Color)	4294940590 (0xFFFF97AE)
YUV	184.7180, -5.2840, 61.6373
Hunter-Lab	68.1536, 37.7362, 7.8201

Details

The XYZ color **59.9466, 46.4492, 45.8505** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0901, 83.9265, 89.2224**, and the grayscale version is **45.9658, 48.3596, 52.6636**.

A 20% lighter version of the original color is **77.6957, 71.5428, 83.8429**, and **30.6455, 21.8763, 21.0197** is the 20% darker color. If you saturate the color by 10%, you get **54.4823, 38.3936, 35.1720**, and if you desaturate by 10%, it is **66.5871, 56.3987, 58.3346**.

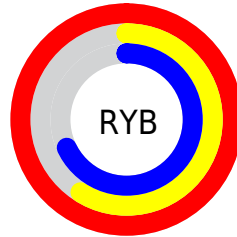
Distribution



Red (100%)

Green (59%)

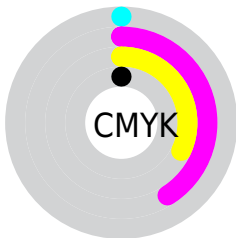
Blue (68%)



Red (100%)

Yellow (59%)

Blue (68%)

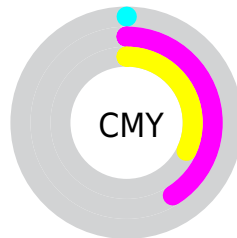


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (41%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9466, 46.4492, 45.8505 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 XYZ color 59.9466, 46.4492, 45.8505 by changing the saturation by 10% instead.


 59.9466, 46.4492,
45.8505


 59.9466, 46.4492,
45.8505


414.2388,
372.6116, 386.4674

 43.6249, 32.6004,
31.7801


 103.8590, 84.8909,
85.3271

 30.5724, 21.8205,
20.9301


 132.1804,
110.2526, 111.5704

 20.4237, 13.7251,
12.8822


165.2324,
140.2207, 142.7084

 12.8134, 7.9297,
7.2177

203.3803,
175.1796, 179.1596

 7.3763, 4.0500,
3.5181

246.9896,
215.5138, 221.3425

 3.7469, 1.7016,
1.3649

296.4255,

 1.5600, 0.4247,

261.6076, 269.6758

0.1141

352.0535,
313.8454, 324.5779

■ 0.3661, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9466, 46.4492,
45.8505

■ 59.9466, 46.4492,
45.8505

■ 54.4823, 38.3936,
35.1720

■ 66.5871, 56.3987,
58.3346

■ 50.1203, 32.1046,
26.2112

■ 74.4645, 68.3452,
72.7011

■ 46.7838, 27.4499,
18.8767

■ 83.6397, 82.3925,
89.0254

■ 44.3840, 24.2753,
13.0670

■ 94.1684, 98.6352,
107.3780

■ 42.8161, 22.3969, 95.0500, 100.0000,
8.6681 108.9000

■ 41.9632, 21.5493,
5.7385

Harmonies

Analogous

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



58.6649, 46.4492, 68.4837



59.9466, 46.4492, 45.8505



56.6294, 46.4492, 29.7589

Triad

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



59.9466, 46.4492, 45.8505



36.1086, 46.4492, 24.3414



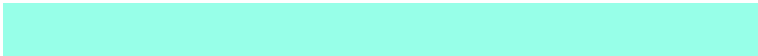
38.7518, 46.4492, 98.4220

Complementary

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



59.9466, 46.4492, 45.8505



63.0901, 83.9265, 89.2224

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.



33.6511, 46.4492, 79.3589



59.9466, 46.4492, 45.8505



32.2492, 46.4492, 36.0974

Square

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



59.9466, 46.4492, 45.8505



42.4664, 46.4492, 19.8075



31.4028, 46.4492, 55.6140



45.8746, 46.4492, 103.1968

Rectangle

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



59.9466, 46.4492, 45.8505



52.4544, 46.4492, 23.4282



31.4028, 46.4492, 55.6140



36.7694, 46.4492, 93.2558

Sweetspot

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



59.9478, 46.4514, 45.8514



82.4506, 80.5655, 86.9294



61.9872, 46.3002, 100.2775



17.3797, 16.8327, 18.1326



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.9478, 46.4514, 45.8514



55.3732, 39.6961, 36.9463



62.8942, 55.6300, 36.7038



18.1738, 18.0528, 19.5323



21.9719, 11.2780, 3.2364



2.1780, 1.1136, 0.5190

Inverse Universe

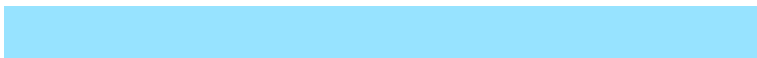
The Inverse Universe completely reimagines the original color for something new.



59.9478, 46.4514, 45.8514



55.3732, 39.6961, 36.9463



58.3563, 68.8851, 104.8282



18.1738, 18.0528, 19.5323



21.9719, 11.2780, 3.2364



2.1780, 1.1136, 0.5190

Previews

White Background



This preview shows how the XYZ color 59.9466, 46.4492, 45.8505 looks on a white background.

Color Contrast Check

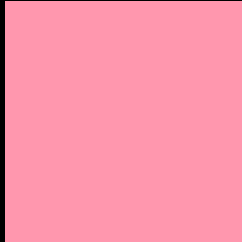
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.9466, 46.4492, 45.8505 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 ✓ Pass

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

XYZ 59.9466, 46.4492, 45.8505

Background



This preview shows how black text looks on a background with the XYZ color 59.9466, 46.4492, 45.8505.



This preview shows how white text looks on a background with the XYZ color 59.9466, 46.4492,

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

59.9466, 46.4492, 45.8505

Protanopia

45.2192, 46.7544, 55.9314

Deuteranopia

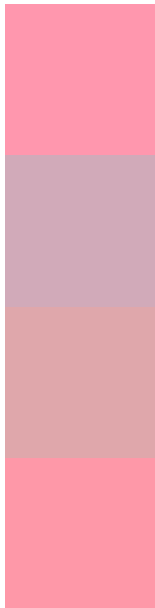
47.6829, 46.7903, 44.5485



Tritanopia

58.9651, 46.5336, 40.9960

Trichromacy



Original Color

59.9466, 46.4492, 45.8505

Protanomaly

49.4262, 45.8075, 52.1356

Deuteranomaly

51.6008, 46.2657, 44.7386

Tritanomaly

59.1692, 46.3545, 42.8745

Monochromacy



Original Color

59.9466, 46.4492, 45.8505

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.8624, 46.9250, 50.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9466, 46.4492, 45.8505 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(255, 151, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 174)  
}
```

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(255, 151, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 174) }
```

Border

The CSS property to change the border of an element to XYZ 59.9466, 46.4492, 45.8505 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(255, 151, 174) }
```


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

```
.border{ border-color:rgb(255, 151, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9466, 46.4492, 45.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 174) }
```

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

```
.background{ background-color: rgb(255,  
151, 174) }
```

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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