

Converting Colors

XYZ(118.4089, 75.4832,
46.9665)

Have a look what the booklet for
XYZ(118.4089, 75.4832, 46.9665)
contains.

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Color

**XYZ(58.8696, 44.7580,
44.0645)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92AB
RGB	255, 146, 171
RGB Percent	100%, 57%, 67%
CMY	0.0000, 0.4274, 0.3294
CMYK	0.00, 0.43, 0.33, 0.00
HSL	346°, 100%, 79%
HSV	346°, 43%, 100%
XYZ	58.8696, 44.7580, 44.0645
YIQ	181.4410, 56.9390, 30.8830

Conversions

Conversions Part 2

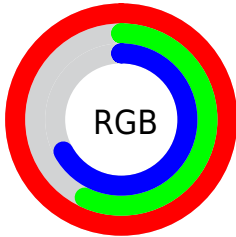
Format	Color
R _{YB}	255, 146, 171
Decimal	16749227
CIE _{Lab}	72.73, 43.74, 5.05
CIE _{LCh}	73, 44.031, 6.587
Yxy	44.7580, 0.3986, 0.3030
Android (android.graphics.Color)	4294939307 (0xFFFF92AB)
YUV	181.4410, -5.1474, 64.5112
Hunter-Lab	66.9014, 39.9928, 7.7797

Details

The XYZ color **58.8696, 44.7580, 44.0645** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8990, 83.3451, 87.6919**, and the grayscale version is **44.1662, 46.4663, 50.6018**.

A 20% lighter version of the original color is **76.0880, 68.9920, 81.2580**, and **30.0091, 20.8964, 19.9045** is the 20% darker color. If you saturate the color by 10%, you get **53.6319, 37.0609, 33.7536**, and if you desaturate by 10%, it is **65.2647, 54.3240, 56.1362**.

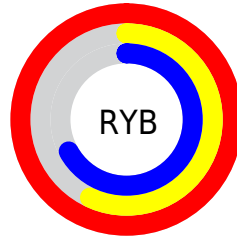
Distribution



Red (100%)

Green (57%)

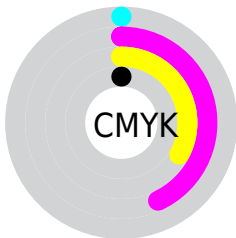
Blue (67%)



Red (100%)

Yellow (57%)

Blue (67%)

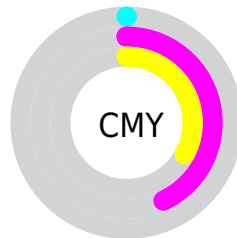


Cyan (0%)

Magenta (43%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8696, 44.7580, 44.0645 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 58.8696, 44.7580, 44.0645 by changing the saturation by 10% instead.


 58.8696, 44.7580,
44.0645


 58.8696, 44.7580,
44.0645


410.3203,
365.7926, 379.0205

 42.7541, 31.2669,
30.3837

 102.3038, 82.3571,
82.6183

 29.8859, 20.8021,
19.8755


 130.3533,
107.2339, 108.3283

 19.8997, 12.9794,
12.1214


163.1115,
136.6747, 138.8852

 12.4300, 7.4144,
6.7028

200.9437,
171.0639, 174.7074

 7.1115, 3.7226,
3.2013

244.2153,
210.7859, 216.2135

 3.5789, 1.5196,
1.1983

293.2918,

 1.4668, 0.3025,

256.2251, 263.8220

0.0000

348.5383,
307.7658, 317.9515

■ 0.3031, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8696, 44.7580,
44.0645

■ 58.8696, 44.7580,
44.0645

■ 53.6319, 37.0609,
33.7536

■ 65.2647, 54.3240,
56.1362

■ 49.4769, 31.1033,
25.1168

■ 72.8788, 65.8640,
70.0446

■ 46.3265, 26.7497,
18.0636

■ 81.7731, 79.4830,
85.8639

■ 44.0899, 23.8414,
12.4933

■ 92.0037, 95.2766,
103.6636

■ 42.6586, 22.1868, 95.0500, 100.0000,
8.2922 108.9000

■ 42.0159, 21.5704,
6.0159

Harmonies

Analogous

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



57.4986, 44.7580, 67.4390



58.8696, 44.7580, 44.0645



55.4627, 44.7580, 27.7097

Triad

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



58.8696, 44.7580, 44.0645



34.3709, 44.7580, 22.1535



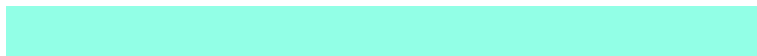
36.9660, 44.7580, 98.4442

Complementary

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



58.8696, 44.7580, 44.0645



61.8990, 83.3451, 87.6919

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.



31.8006, 44.7580, 78.3631



58.8696, 44.7580, 44.0645



30.4325, 44.7580, 33.8530

Square

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



58.8696, 44.7580, 44.0645



40.8779, 44.7580, 17.7454



29.5511, 44.7580, 53.7219



44.2489, 44.7580, 103.6249

Rectangle

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



58.8696, 44.7580, 44.0645



51.1556, 44.7580, 21.3725



29.5511, 44.7580, 53.7219



34.9525, 44.7580, 92.9718

Sweetspot

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



58.8707, 44.7602, 44.0654



81.5275, 79.1053, 85.4319



60.8246, 44.5315, 99.9974



17.0075, 16.2517, 17.5050



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.



58.8707, 44.7602, 44.0654



54.4646, 38.2735, 35.4274



61.7727, 54.0234, 34.3686



18.1800, 18.0553, 19.5649



22.0007, 11.2896, 3.3884



2.1817, 1.1150, 0.5381

Inverse Universe

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



58.8707, 44.7602, 44.0654



54.4646, 38.2735, 35.4274



57.0840, 67.6890, 104.6644



18.1800, 18.0553, 19.5649



22.0007, 11.2896, 3.3884



2.1817, 1.1150, 0.5381

Previews

White Background



This preview shows how the XYZ color 58.8696, 44.7580, 44.0645 looks on a white background.

Color Contrast Check

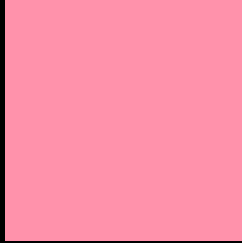
Large Text (above 18pt) WCAG AA × Fail

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 58.8696, 44.7580, 44.0645 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 58.8696, 44.7580, 44.0645

Background



This preview shows how black text looks on a background with the XYZ color 58.8696, 44.7580, 44.0645.



This preview shows how white text looks on a background with the XYZ color 58.8696, 44.7580,

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

58.8696, 44.7580, 44.0645

Protanopia

43.6961, 45.0986, 54.5460

Deuteranopia

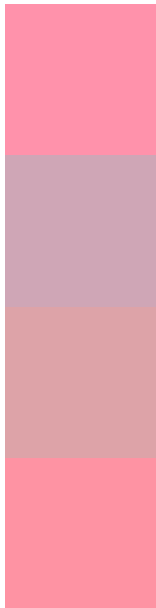
45.9139, 45.0578, 42.3535



Tritanopia

57.7210, 44.7538, 38.3970

Trichromacy



Original Color

58.8696, 44.7580, 44.0645

Protanomaly

47.8118, 43.9152, 50.2125

Deuteranomaly

49.9839, 44.3937, 42.9802

Tritanomaly

57.9176, 44.5826, 40.2030

Monochromacy



Original Color

58.8696, 44.7580, 44.0645

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.9509, 44.5895, 47.6743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8696, 44.7580, 44.0645 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, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 171)  
}
```

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, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.8696, 44.7580, 44.0645 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, 146, 171) }
```


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

```
.border{ border-color:rgb(255, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 146, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 146, 171); box-shadow:4px 4px 4px 4px rgb(255, 146, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8696, 44.7580, 44.0645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 171) }
```

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

```
.background{ background-color: rgb(255,  
146, 171) }
```

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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