

Converting Colors

XYZ(57.9996, 43.4431, 42.4650)

Have a look what the booklet for
XYZ(57.9996, 43.4431, 42.4650)
contains.

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Color

**XYZ(57.9809, 43.4332,
42.3733)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8EA8 |
| RGB | 255, 142, 168 |
| RGB Percent | 100%, 56%, 66% |
| CMY | 0.0000, 0.4431, 0.3412 |
| CMYK | 0.00, 0.44, 0.34, 0.00 |
| HSL | 346°, 100%, 78% |
| HSV | 346°, 44%, 100% |
| XYZ | 57.9809, 43.4332, 42.3733 |
| YIQ | 178.7510, 59.0020, 32.0420 |

Conversions

Conversions Part 2

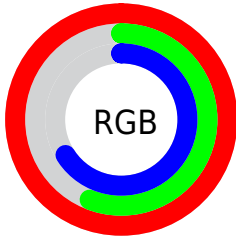
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 142, 168 |
| Decimal | 16748200 |
| CIE Lab | 71.85, 45.40, 5.44 |
| CIE LCh | 72, 45.722, 6.838 |
| Yxy | 43.4332, 0.4032, 0.3021 |
| Android (android.graphics.Color) | 4294938280 (0xFFFF8EA8) |
| YUV | 178.7510, -5.3002, 66.8704 |
| Hunter-Lab | 65.9039, 41.7089, 8.0118 |

Details

The XYZ color **57.9809, 43.4332, 42.3733** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0603, 82.9289, 86.9220**, and the grayscale version is **42.7218, 44.9466, 48.9469**.

A 20% lighter version of the original color is **74.7534, 66.9759, 78.7997**, and **29.2304, 20.0078, 18.8443** is the 20% darker color. If you saturate the color by 10%, you get **52.9184, 36.0178, 32.3326**, and if you desaturate by 10%, it is **64.1896, 52.6988, 54.1595**.

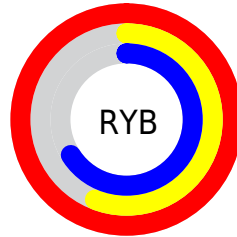
Distribution



Red (100%)

Green (56%)

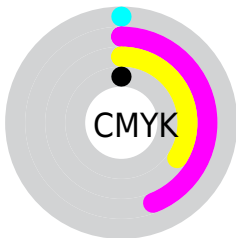
Blue (66%)



Red (100%)

Yellow (56%)

Blue (66%)

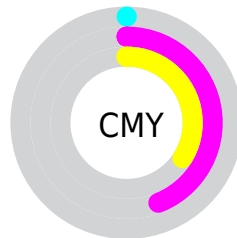


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9809, 43.4332, 42.3733 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 57.9809, 43.4332, 42.3733 by changing the saturation by 10% instead.


 57.9809, 43.4332,
42.3733


 57.9809, 43.4332,
42.3733


407.0698,
360.3903, 371.8733

 42.0365, 30.2252,
29.0660


 101.0182, 80.3642,
80.0405

 29.3211, 20.0096,
18.8847


 128.8417,
104.8559, 105.2374

 19.4694, 12.4020,
11.4110


161.3558,
133.8776, 135.2345

 12.1159, 7.0181,
6.2264

198.9256,
167.8138, 170.4505

 6.8954, 3.4734,
2.9122

241.9165,
207.0487, 211.3038

 3.4425, 1.3836,
1.0500

290.6939,

 1.3919, 0.2046,

251.9668, 258.2130

0.0000

345.6233,
302.9526, 311.5967

■ 0.2504, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9809, 43.4332,
42.3733

■ 57.9809, 43.4332,
42.3733

■ 52.9184, 36.0178,
32.3326

■ 64.1896, 52.6988,
54.1595

■ 48.9264, 30.3213,
23.9500

■ 71.6069, 63.9213,
67.7677

■ 45.9252, 26.2054,
17.1337

■ 80.2948, 77.2070,
83.2728

■ 43.8218, 23.5072,
11.7817

■ 90.3098, 92.6525,
100.7447

■ 42.5041, 22.0280, 95.0500, 100.0000,
7.7782 108.9000

■ 42.0207, 21.5723,
6.0410

Harmonies

Analogous

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



56.6135, 43.4332, 66.2161



57.9809, 43.4332, 42.3733



54.4441, 43.4332, 25.9809

Triad

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



57.9809, 43.4332, 42.3733



32.9496, 43.4332, 20.6292



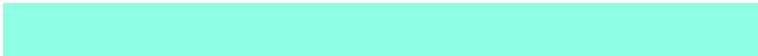
35.6750, 43.4332, 98.6059

Complementary

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



57.9809, 43.4332, 42.3733



61.0603, 82.9289, 86.9220

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.



30.4330, 43.4332, 77.8964



57.9809, 43.4332, 42.3733



29.0030, 43.4332, 32.3669

Square

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



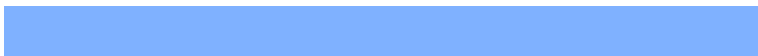
57.9809, 43.4332, 42.3733



39.5270, 43.4332, 16.2403



28.1432, 43.4332, 52.5760



43.0881, 43.4332, 103.8325

Rectangle

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



57.9809, 43.4332, 42.3733



50.0142, 43.4332, 19.7361



28.1432, 43.4332, 52.5760



33.6303, 43.4332, 92.9665

Sweetspot

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



57.9821, 43.4353, 42.3741



81.5309, 79.1067, 85.4497



59.9208, 43.1662, 99.7815



17.0083, 16.2520, 17.5094



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.



57.9821, 43.4353, 42.3741



53.5196, 36.8893, 33.5526



60.9020, 52.7711, 32.5700



18.1805, 18.0555, 19.5678



22.0033, 11.2906, 3.4021



2.1820, 1.1152, 0.5398

Inverse Universe

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



57.9821, 43.4353, 42.3741



53.5196, 36.8893, 33.5526



56.0963, 66.7508, 104.5354



18.1805, 18.0555, 19.5678



22.0033, 11.2906, 3.4021



2.1820, 1.1152, 0.5398

Previews

White Background



This preview shows how the XYZ color 57.9809, 43.4332, 42.3733 looks on a white background.

Color Contrast Check

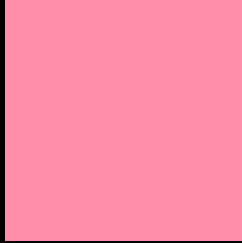
Large Text (above 18pt) WCAG AA × Fail

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 57.9809, 43.4332, 42.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

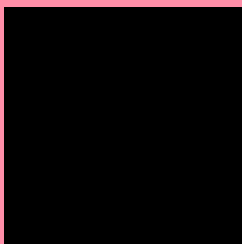
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9809, 43.4332, 42.3733

Background



This preview shows how black text looks on a background with the XYZ color 57.9809, 43.4332, 42.3733.



This preview shows how white text looks on a background with the XYZ color 57.9809, 43.4332, 42.3733.

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

57.9809, 43.4332, 42.3733

Protanopia

42.4311, 43.5949, 53.1920

Deuteranopia

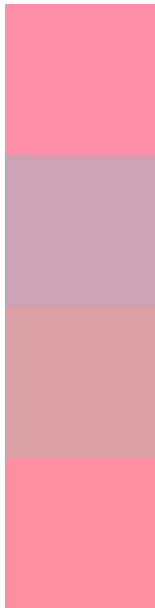
44.2743, 43.3996, 40.6938



Tritanopia

56.7627, 43.3839, 36.3926

Trichromacy



Original Color

57.9809, 43.4332, 42.3733

Protanomaly

46.5122, 42.4688, 48.9259

Deuteranomaly

48.5758, 42.9183, 41.3211

Tritanomaly

57.0407, 43.2538, 38.6002

Monochromacy



Original Color

57.9809, 43.4332, 42.3733

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

47.1062, 43.6330, 46.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9809, 43.4332, 42.3733 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, 142, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 168)  
}
```

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, 142, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 168) }
```

Border

The CSS property to change the border of an element to XYZ 57.9809, 43.4332, 42.3733 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, 142, 168) }
```


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

```
.border{ border-color:rgb(255, 142, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9809, 43.4332, 42.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 168) }
```

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

```
.background{ background-color: rgb(255,  
142, 168) }
```

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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