

Converting Colors

XYZ(70.7496, 49.9205, 44.3692)

Have a look what the booklet for
XYZ(70.7496, 49.9205, 44.3692)
contains.

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Color

**XYZ(58.2637, 43.5463,
43.8625)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8EAB |
| RGB | 255, 142, 171 |
| RGB Percent | 100%, 56%, 67% |
| CMY | 0.0000, 0.4431, 0.3294 |
| CMYK | 0.00, 0.44, 0.33, 0.00 |
| HSL | 345°, 100%, 78% |
| HSV | 345°, 44%, 100% |
| XYZ | 58.2637, 43.5463, 43.8625 |
| YIQ | 179.0930, 58.0390, 32.9750 |

Conversions

Conversions Part 2

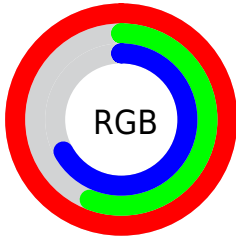
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 142, 171 |
| Decimal | 16748203 |
| CIE Lab | 71.92, 45.76, 3.88 |
| CIE LCh | 72, 45.921, 4.852 |
| Yxy | 43.5463, 0.4000, 0.2989 |
| Android (android.graphics.Color) | 4294938283 (0xFFFF8EAB) |
| YUV | 179.0930, -3.9898, 66.5704 |
| Hunter-Lab | 65.9896, 42.1198, 6.7834 |

Details

The XYZ color **58.2637, 43.5463, 43.8625** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.6449, 82.7627, 84.7345**, and the grayscale version is **42.8974, 45.1315, 49.1482**.

A 20% lighter version of the original color is **75.1616, 67.1392, 80.9492**, and **29.6671, 20.2124, 19.7905** is the 20% darker color. If you saturate the color by 10%, you get **53.2151, 36.1365, 33.8950**, and if you desaturate by 10%, it is **64.4414, 52.7995, 55.4858**.

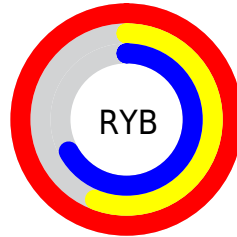
Distribution



Red (100%)

Green (56%)

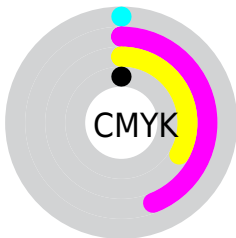
Blue (67%)



Red (100%)

Yellow (56%)

Blue (67%)

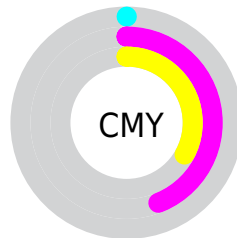


Cyan (0%)

Magenta (44%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2637, 43.5463, 43.8625 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 58.2637, 43.5463, 43.8625 by changing the saturation by 10% instead.

 58.2637, 43.5463,
43.8625


 58.2637, 43.5463,
43.8625


408.1059,
360.8536, 378.1718

 42.2648, 30.3140,
30.2260


 101.4275, 80.5346,
82.3111

 29.5007, 20.0770,
19.7567


 129.3231,
105.0594, 107.9602

 19.6061, 12.4511,
12.0360


161.9150,
134.1171, 138.4507

 12.2156, 7.0516,
6.6454

199.5685,
168.0921, 174.2011

 6.9639, 3.4944,
3.1663

242.6490,
207.3689, 215.6298

 3.4857, 1.3950,
1.1801

291.5218,

 1.4155, 0.2130,

252.3318, 263.1555

0.0000

346.5523,
303.3653, 317.1966

■ 0.2672, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2637, 43.5463,
43.8625

■ 58.2637, 43.5463,
43.8625

■ 53.2151, 36.1365,
33.8950

■ 64.4414, 52.7995,
55.4858

■ 49.2214, 30.4393,
25.5031

■ 71.8096, 64.0023,
68.8350

■ 46.2043, 26.3170,
18.6031

■ 80.4288, 77.2605,
83.9787

■ 44.0725, 23.6075,
13.1018

■ 90.3548, 92.6704,
100.9815

■ 42.7160, 22.1127, 95.0500, 100.0000,
8.8939 108.9000

■ 42.2067, 21.6467,
7.0207

Harmonies

Analogous

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



56.5571, 43.5463, 68.1836



58.2637, 43.5463, 43.8625



55.0045, 43.5463, 26.8076

Triad

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



58.2637, 43.5463, 43.8625



33.3732, 43.5463, 20.1163



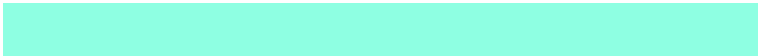
35.3194, 43.5463, 98.0920

Complementary

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



58.2637, 43.5463, 43.8625



60.6449, 82.7627, 84.7345

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.



30.2298, 43.5463, 76.5465



58.2637, 43.5463, 43.8625



29.2094, 43.5463, 31.3597

Square

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



58.2637, 43.5463, 43.8625



40.1299, 43.5463, 16.1355



28.1352, 43.5463, 51.1533



42.6751, 43.5463, 104.6118

Rectangle

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



58.2637, 43.5463, 43.8625



50.6691, 43.5463, 20.1884



28.1352, 43.5463, 51.1533



33.3181, 43.5463, 92.0940

Sweetspot

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



58.2648, 43.5484, 43.8633



81.6545, 79.1561, 86.1005



58.7344, 42.5546, 99.7259



17.0385, 16.2641, 17.6684



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.



58.2648, 43.5484, 43.8633



53.8154, 37.0077, 35.1103



60.1945, 51.3561, 32.3341



18.2006, 18.0636, 19.6736



22.1047, 11.3312, 3.9361



2.1944, 1.1201, 0.6049

Inverse Universe

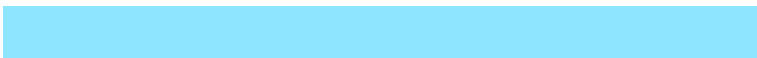
The Inverse Universe completely reimagines the original color for something new.



58.2648, 43.5484, 43.8633



53.8154, 37.0077, 35.1103



57.1250, 68.8083, 104.8783



18.2006, 18.0636, 19.6736



22.1047, 11.3312, 3.9361



2.1944, 1.1201, 0.6049

Previews

White Background



This preview shows how the XYZ color 58.2637, 43.5463, 43.8625 looks on a white background.

Color Contrast Check

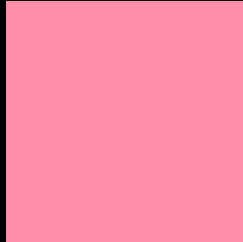
Large Text (above 18pt) WCAG AA × Fail

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 58.2637, 43.5463, 43.8625 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 58.2637, 43.5463, 43.8625

Background



This preview shows how black text looks on a background with the XYZ color 58.2637, 43.5463, 43.8625.



This preview shows how white text looks on a background with the XYZ color 58.2637, 43.5463,

43.8625.

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

58.2637, 43.5463, 43.8625

Protanopia

42.8338, 44.0424, 55.5337

Deuteranopia

44.7345, 43.8848, 42.1892



Tritanopia

56.9148, 43.6882, 36.4433

Trichromacy



Original Color

58.2637, 43.5463, 43.8625



Protanomaly

47.1040, 42.9907, 51.1628



Deuteranomaly

48.8521, 43.0288, 42.7764



Tritanomaly

57.2793, 43.5906, 39.1131

Monochromacy



Original Color

58.2637, 43.5463, 43.8625



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.2048, 43.6724, 47.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2637, 43.5463, 43.8625 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 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, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.2637, 43.5463, 43.8625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

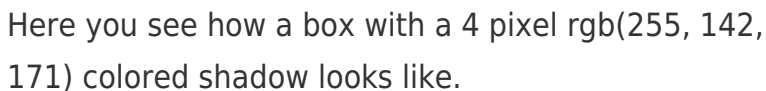
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 142, 171) }
```


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

```
.border{ border-color:rgb(255, 142, 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, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 142, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 142, 171); box-shadow:4px 4px 4px 4px rgb(255, 142, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2637, 43.5463, 43.8625 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, 171) }
```

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

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