

Converting Colors

XYZ(58.5492, 47.2651, 43.0830)

Have a look what the booklet for
XYZ(58.5492, 47.2651, 43.0830)
contains.

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Color

**XYZ(58.5492, 47.2651,
43.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9DA8
RGB	250, 157, 168
RGB Percent	98%, 62%, 66%
CMY	0.0196, 0.3843, 0.3412
CMYK	0.00, 0.37, 0.33, 0.02
HSL	353°, 90%, 80%
HSV	353°, 37%, 98%
XYZ	58.5492, 47.2651, 43.0830
YIQ	186.0610, 51.8970, 23.1370

Conversions

Conversions Part 2

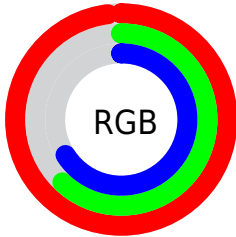
Format	Color
R _Y B	250, 157, 168
Decimal	16424360
CIE Lab	74.36, 35.95, 8.96
CIE LCh	74, 37.054, 13.997
Yxy	47.2651, 0.3932, 0.3174
Android (android.graphics.Color)	4294614440 (0xFFFA9DA8)
YUV	186.0610, -8.9041, 56.0745
Hunter-Lab	68.7496, 31.7040, 10.9697

Details

The XYZ color **58.5492, 47.2651, 43.0830** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6724, 81.7724, 94.0935**, and the grayscale version is **46.7354, 49.1693, 53.5454**.

A 20% lighter version of the original color is **78.3535, 74.1762, 79.9998**, and **29.5886, 22.2379, 19.2559** is the 20% darker color. If you saturate the color by 10%, you get **52.8615, 38.9023, 31.8993**, and if you desaturate by 10%, it is **65.4529, 57.5023, 56.3906**.

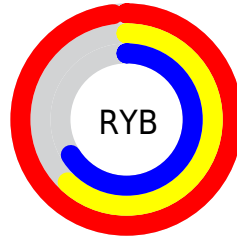
Distribution



Red (98%)

Green (62%)

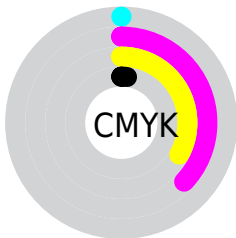
Blue (66%)



Red (98%)

Yellow (62%)

Blue (66%)

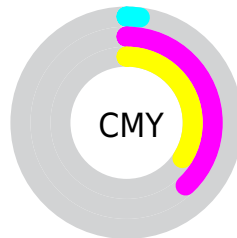


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5492, 47.2651, 43.0830 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 58.5492, 47.2651, 43.0830 by changing the saturation by 10% instead.


 58.5492, 47.2651,
43.0830

 58.5492, 47.2651,
43.0830


409.1502,
375.8717, 374.8842

 42.4953, 33.2453,
29.6184


 101.8406, 86.1092,
81.1238

 29.6821, 22.3144,
19.2995


 129.8088,
111.7023, 106.5370

 19.7443, 14.0881,
11.7079


162.4791,
141.9219, 136.7702

 12.3165, 8.1820,
6.4250

200.2169,
177.1524, 172.2419

 7.0333, 4.2116,
3.0322

243.3876,
217.7782, 213.3706

 3.5295, 1.7926,
1.1111

292.3564,

 1.4396, 0.4826,

264.1838, 260.5748

0.0000

347.4889,
316.7535, 314.2732

■ 0.2841, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5492, 47.2651,
43.0830

■ 58.5492, 47.2651,
43.0830

■ 52.8615, 38.9023,
31.8993

■ 65.4529, 57.5023,
56.3906

■ 48.3153, 32.2938,
22.7266

■ 73.6338, 69.7109,
71.9213

■ 44.8339, 27.3163,
15.4457

■ 83.1534, 83.9892,
89.7718

■ 42.3293, 23.8275,
9.9235

■ 93.2344, 99.0640,
108.8150

■ 40.6992, 21.6606,
6.0095

■ 39.8148, 20.6019,
3.5260

■ 39.6531, 20.4155,
3.0495

Harmonies

Analogous

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



58.4107, 47.2651, 62.2656



58.5492, 47.2651, 43.0830



54.7936, 47.2651, 29.9384

Triad

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



58.5492, 47.2651, 43.0830



36.5932, 47.2651, 29.3093



41.4811, 47.2651, 95.4471

Complementary

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



58.5492, 47.2651, 43.0830



63.6724, 81.7724, 94.0935

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.



36.3171, 47.2651, 81.4172



58.5492, 47.2651, 43.0830



33.6917, 47.2651, 41.9894

Square

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



58.5492, 47.2651, 43.0830



41.8936, 47.2651, 23.4232



33.5959, 47.2651, 60.8662



48.0972, 47.2651, 95.9502

Rectangle

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



58.5492, 47.2651, 43.0830



50.7832, 47.2651, 25.0122



33.5959, 47.2651, 60.8662



39.5339, 47.2651, 92.0256

Sweetspot

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



58.5505, 47.2674, 43.0839



83.0158, 81.8990, 86.4918



64.4395, 49.1265, 96.5286



17.4775, 17.0927, 17.9668



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.



58.5505, 47.2674, 43.0839



56.4721, 42.4163, 35.7027



64.1643, 60.0657, 40.1133



17.3281, 17.2586, 18.3173



21.0597, 10.8396, 1.7571



1.9764, 1.0143, 0.2994

Inverse Universe

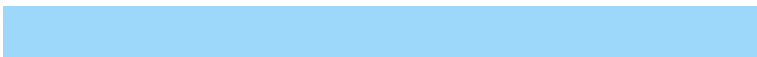
The Inverse Universe completely reimagines the original color for something new.



58.5505, 47.2674, 43.0839



56.4721, 42.4163, 35.7027



55.6922, 63.1327, 99.6931



17.3281, 17.2586, 18.3173



21.0597, 10.8396, 1.7571



1.9764, 1.0143, 0.2994

Previews

White Background



This preview shows how the XYZ color 58.5492, 47.2651, 43.0830 looks on a white background.

Color Contrast Check

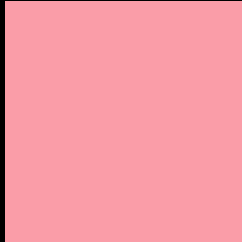
Large Text (above 18pt) WCAG AA × Fail

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 58.5492, 47.2651, 43.0830 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 58.5492, 47.2651, 43.0830

Background



This preview shows how black text looks on a background with the XYZ color 58.5492, 47.2651, 43.0830.



This preview shows how white text looks on a background with the XYZ color 58.5492, 47.2651,

43.0830.

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

58.5492, 47.2651, 43.0830

Protanopia

45.6650, 47.3981, 50.9979

Deuteranopia

48.4354, 47.5345, 41.7442



Tritanopia

58.6427, 47.3025, 43.5756

Trichromacy



Original Color

58.5492, 47.2651, 43.0830



Protanomaly

49.4577, 46.7631, 48.0145



Deuteranomaly

51.5977, 47.1540, 41.9795



Tritanomaly

58.6427, 47.3025, 43.5756

Monochromacy



Original Color

58.5492, 47.2651, 43.0830



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.7612, 47.4699, 49.1877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5492, 47.2651, 43.0830 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(250, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 157, 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(250, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 157, 168) }
```

Border

The CSS property to change the border of an element to XYZ 58.5492, 47.2651, 43.0830 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(250, 157, 168) }
```


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

```
.border{ border-color:rgb(250, 157, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 157, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 157, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 157,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5492, 47.2651, 43.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 157, 168) }
```

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

```
.background{ background-color: rgb(250,  
157, 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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