

Converting Colors

XYZ(58.5488, 47.4876, 42.0384)

Have a look what the booklet for
XYZ(58.5488, 47.4876, 42.0384)
contains.

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Color

**XYZ(58.5341, 47.5309,
42.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9EA6
RGB	250, 158, 166
RGB Percent	98%, 62%, 65%
CMY	0.0196, 0.3804, 0.3490
CMYK	0.00, 0.37, 0.34, 0.02
HSL	355°, 90%, 80%
HSV	355°, 37%, 98%
XYZ	58.5341, 47.5309, 42.1657
YIQ	186.4200, 52.2640, 21.9920

Conversions

Conversions Part 2

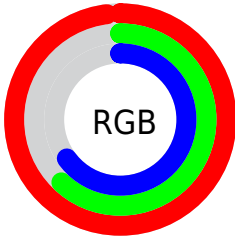
Format	Color
R _Y B	250, 158, 166
Decimal	16424614
CIE Lab	74.53, 35.19, 10.30
CIE LCh	75, 36.666, 16.320
Yxy	47.5309, 0.3949, 0.3207
Android (android.graphics.Color)	4294614694 (0xFFFA9EA6)
YUV	186.4200, -10.0671, 55.7597
Hunter-Lab	68.9427, 30.9015, 11.9978

Details

The XYZ color **58.5341, 47.5309, 42.1657** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3153, 82.0521, 96.4566**, and the grayscale version is **46.9431, 49.3878, 53.7833**.

A 20% lighter version of the original color is **78.3377, 74.5736, 78.6719**, and **29.5747, 22.3944, 18.6834** is the 20% darker color. If you saturate the color by 10%, you get **52.7839, 39.0893, 30.8186**, and if you desaturate by 10%, it is **65.5259, 57.8604, 55.7612**.

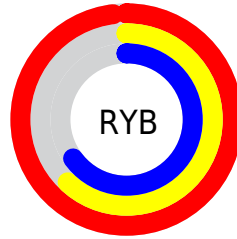
Distribution



Red (98%)

Green (62%)

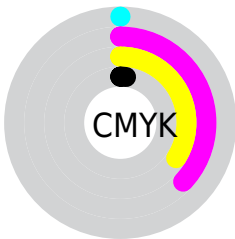
Blue (65%)



Red (98%)

Yellow (62%)

Blue (65%)

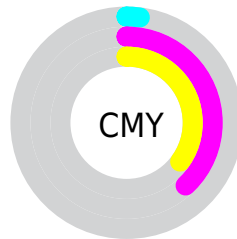


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5341, 47.5309, 42.1657 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 58.5341, 47.5309, 42.1657 by changing the saturation by 10% instead.

 58.5341, 47.5309,
42.1657


 58.5341, 47.5309,
42.1657

409.0950,
376.9297, 370.9893

 42.4831, 33.4555,
28.9045


 101.8187, 86.5056,
79.7231

 29.6725, 22.4757,
18.7636


 129.7831,
112.1736, 104.8565

 19.7370, 14.2068,
11.3245


162.4493,
142.4748, 134.7843

 12.3112, 8.2647,
6.1687

200.1826,
177.7933, 169.9251

 7.0297, 4.2648,
2.8775

243.3485,
218.5137, 210.6975

 3.5272, 1.8227,
1.0324

292.3123,

 1.4383, 0.5013,

265.0203, 257.5199

0.0000

347.4394,
317.6975, 310.8110

■ 0.2832, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5341, 47.5309,
42.1657

■ 58.5341, 47.5309,
42.1657

■ 52.7839, 39.0893,
30.8186

■ 65.5259, 57.8604,
55.7612

■ 48.1988, 32.4150,
21.5961

■ 73.8221, 70.1751,
71.7144

■ 44.7000, 27.3843,
14.3663

■ 83.4860, 84.5739,
90.1308

■ 42.1972, 23.8546,
8.9817

■ 93.2343, 99.0640,
108.8150

■ 40.5851, 21.6588,
5.2743

■ 39.7335, 20.5867,
3.0442

■ 39.5665, 20.3809,
2.5938

Harmonies

Analogous

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



58.7148, 47.5309, 60.8668



58.5341, 47.5309, 42.1657



54.5551, 47.5309, 29.6031

Triad

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



58.5341, 47.5309, 42.1657



36.5782, 47.5309, 30.4296



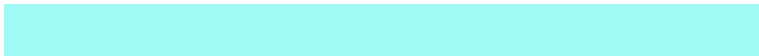
42.2313, 47.5309, 95.8954

Complementary

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



58.5341, 47.5309, 42.1657



64.3153, 82.0521, 96.4566

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.



36.9398, 47.5309, 82.8657



58.5341, 47.5309, 42.1657



33.8981, 47.5309, 43.5978

Square

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



58.5341, 47.5309, 42.1657



41.6917, 47.5309, 24.0483



34.0237, 47.5309, 62.6936



48.8507, 47.5309, 95.2407

Rectangle

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



58.5341, 47.5309, 42.1657



50.4869, 47.5309, 25.0218



34.0237, 47.5309, 62.6936



40.2525, 47.5309, 92.8563

Sweetspot

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



58.5354, 47.5332, 42.1666



82.8925, 81.8496, 85.8425



65.6909, 50.0238, 96.6357



17.4483, 17.0810, 17.8135



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.



58.5354, 47.5332, 42.1666



56.7452, 43.1300, 35.2768



65.0677, 61.7353, 40.8374



17.3058, 17.2497, 18.2003



21.0085, 10.8191, 1.4870



1.9659, 1.0101, 0.2441

Inverse Universe

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



58.5354, 47.5332, 42.1666



56.7452, 43.1300, 35.2768



55.2024, 61.8624, 99.4736



17.3058, 17.2497, 18.2003



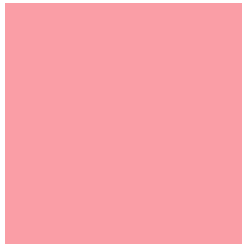
21.0085, 10.8191, 1.4870



1.9659, 1.0101, 0.2441

Previews

White Background



This preview shows how the XYZ color 58.5341, 47.5309, 42.1657 looks on a white background.

Color Contrast Check

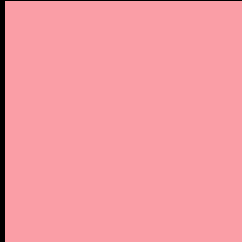
Large Text (above 18pt) WCAG AA × Fail

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 58.5341, 47.5309, 42.1657 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 58.5341, 47.5309, 42.1657

Background



This preview shows how black text looks on a background with the XYZ color 58.5341, 47.5309, 42.1657.



This preview shows how white text looks on a background with the XYZ color 58.5341, 47.5309,

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

58.5341, 47.5309, 42.1657

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

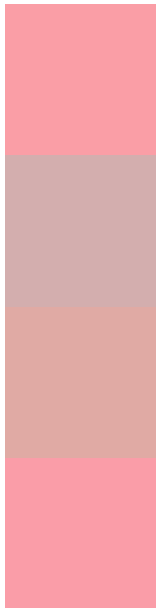
48.6275, 47.6439, 41.2836



Tritanopia

58.6427, 47.3025, 43.5756

Trichromacy



Original Color

58.5341, 47.5309, 42.1657

Protanomaly

49.6400, 47.1770, 46.5342

Deuteranomaly

51.8160, 47.2771, 41.5163

Tritanomaly

58.5492, 47.2651, 43.0830

Monochromacy



Original Color

58.5341, 47.5309, 42.1657

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.9565, 47.8607, 49.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5341, 47.5309, 42.1657 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, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 166)  
}
```

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, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.5341, 47.5309, 42.1657 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, 158, 166) }
```


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

```
.border{ border-color:rgb(250, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 158,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5341, 47.5309, 42.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 166) }
```

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

```
.background{ background-color: rgb(250,  
158, 166) }
```

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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