

Converting Colors

XYZ(57.8494, 46.8921, 38.3698)

Have a look what the booklet for
XYZ(57.8494, 46.8921, 38.3698)
contains.

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Color

**XYZ(58.0122, 47.0918,
38.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9D9E
RGB	251, 157, 158
RGB Percent	98%, 62%, 62%
CMY	0.0157, 0.3843, 0.3804
CMYK	0.00, 0.37, 0.37, 0.02
HSL	359°, 92%, 80%
HSV	359°, 37%, 98%
XYZ	58.0122, 47.0918, 38.3798
YIQ	185.2200, 55.7030, 20.2390

Conversions

Conversions Part 2

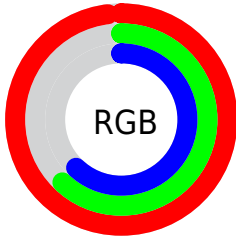
Format	Color
R _Y B	251, 157, 158
Decimal	16489886
CIE Lab	74.25, 35.13, 14.32
CIE LCh	74, 37.934, 22.182
Yxy	47.0918, 0.4043, 0.3282
Android (android.graphics.Color)	4294679966 (0xFFFB9D9E)
YUV	185.2200, -13.4195, 57.6891
Hunter-Lab	68.6235, 30.8074, 14.8767

Details

The XYZ color **58.0122, 47.0918, 38.3798** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6593, 83.0656, 103.0197**, and the grayscale version is **46.2884, 48.6990, 53.0332**.

A 20% lighter version of the original color is **76.7937, 73.1511, 73.0229**, and **29.3424, 22.1686, 16.6424** is the 20% darker color. If you saturate the color by 10%, you get **52.2675, 38.6845, 26.9628**, and if you desaturate by 10%, it is **65.0636, 57.4209, 52.3642**.

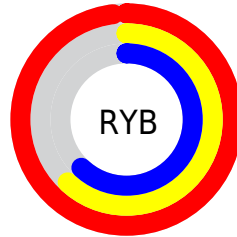
Distribution



Red (98%)

Green (62%)

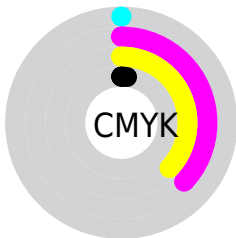
Blue (62%)



Red (98%)

Yellow (62%)

Blue (62%)

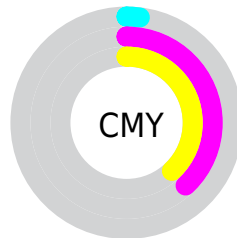


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0122, 47.0918, 38.3798 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 58.0122, 47.0918, 38.3798 by changing the saturation by 10% instead.


 58.0122, 47.0918,
38.3798

 58.0122, 47.0918,
38.3798


407.1845,
375.1808, 354.5933

 42.0618, 33.1082,
25.9735


 101.0635, 85.8506,
73.8998

 29.3410, 22.2094,
16.5782


 128.8950,
111.3947, 97.8505

 19.4845, 14.0108,
9.7755

161.4177,
141.5610, 126.4864

 12.1270, 8.1282,
5.1467

198.9968,
176.7341, 160.2261

 6.9030, 4.1771,
2.2733

241.9976,
217.2982, 199.4881

 3.4473, 1.7731,
0.7162

290.7856,

 1.3945, 0.4703,

263.6377, 244.6910

0.0000

345.7261,
316.1372, 296.2532

■ 0.2523, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0122, 47.0918,
38.3798

■ 58.0122, 47.0918,
38.3798

■ 52.2675, 38.6845,
26.9628

■ 65.0636, 57.4209,
52.3642

■ 47.7457, 32.0742,
17.9547

■ 73.4912, 69.7730,
69.0560

■ 44.3595, 27.1319,
11.1837

■ 83.3640, 84.2502,
88.5884

■ 42.0081, 23.7090,
6.4543

■ 93.5937, 99.2492,
108.8318

■ 40.5733, 21.6304,
3.5371

■ 39.9025, 20.6680,
2.1445

■ 39.7982, 20.5151,
1.9385

Harmonies

Analogous

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



59.0254, 47.0918, 56.5471



58.0122, 47.0918, 38.3798



53.2777, 47.0918, 26.9897

Triad

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



58.0122, 47.0918, 38.3798



35.1918, 47.0918, 31.5471



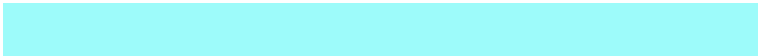
43.0017, 47.0918, 98.1225

Complementary

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



58.0122, 47.0918, 38.3798



65.6593, 83.0656, 103.0197

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.



37.2011, 47.0918, 86.9704



58.0122, 47.0918, 38.3798



32.9998, 47.0918, 46.3411

Square

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



58.0122, 47.0918, 38.3798



39.9954, 47.0918, 23.7989



33.6962, 47.0918, 66.7765



49.8873, 47.0918, 94.4291

Rectangle

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



58.0122, 47.0918, 38.3798



48.8868, 47.0918, 23.2182



33.6962, 47.0918, 66.7765



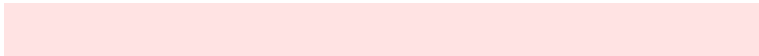
40.8710, 47.0918, 95.9041

Sweetspot

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



58.0134, 47.0941, 38.3807



82.5946, 81.7305, 84.2741



68.6923, 51.3007, 97.5484



17.3781, 17.0529, 17.4435



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.



58.0134, 47.0941, 38.3807



55.4970, 42.0262, 30.5676



67.0932, 65.3901, 40.9867



17.2521, 17.2282, 17.9173



20.9229, 10.7849, 1.0363



1.9404, 0.9999, 0.1093

Inverse Universe

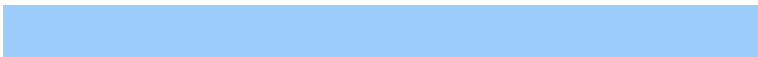
The Inverse Universe completely reimagines the original color for something new.



58.0134, 47.0941, 38.3807



55.4970, 42.0262, 30.5676



53.2864, 58.0696, 99.6669



17.2521, 17.2282, 17.9173



20.9229, 10.7849, 1.0363



1.9404, 0.9999, 0.1093

Previews

White Background



This preview shows how the XYZ color 58.0122, 47.0918, 38.3798 looks on a white background.

Color Contrast Check

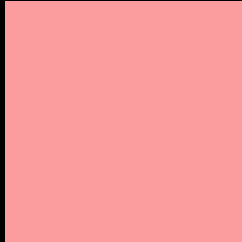
Large Text (above 18pt) WCAG AA × Fail

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 58.0122, 47.0918, 38.3798 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 58.0122, 47.0918, 38.3798

Background



This preview shows how black text looks on a background with the XYZ color 58.0122, 47.0918, 38.3798.



This preview shows how white text looks on a background with the XYZ color 58.0122, 47.0918,

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

58.0122, 47.0918, 38.3798

Protanopia

45.0649, 47.2150, 45.2663

Deuteranopia

48.3057, 47.2661, 37.5876



Tritanopia

59.0084, 47.2624, 42.5717

Trichromacy



Original Color

58.0122, 47.0918, 38.3798

Protanomaly

48.9779, 46.6374, 42.4969

Deuteranomaly

51.5527, 46.9450, 37.7967

Tritanomaly

58.7342, 47.1527, 41.1277

Monochromacy



Original Color

58.0122, 47.0918, 38.3798

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.3623, 47.3104, 47.0876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0122, 47.0918, 38.3798 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(251, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 158)  
}
```

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(251, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 158) }
```

Border

The CSS property to change the border of an element to XYZ 58.0122, 47.0918, 38.3798 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(251, 157, 158) }
```


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

```
.border{ border-color:rgb(251, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0122, 47.0918, 38.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 158) }
```

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

```
.background{ background-color: rgb(251,  
157, 158) }
```

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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