

Converting Colors

XYZ(57.6960, 47.2689, 46.1320)

Have a look what the booklet for
XYZ(57.6960, 47.2689, 46.1320)
contains.

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Color

**XYZ(57.6943, 47.2647,
46.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	F59FAE
RGB	245, 159, 174
RGB Percent	96%, 62%, 68%
CMY	0.0392, 0.3764, 0.3176
CMYK	0.00, 0.35, 0.29, 0.04
HSL	350°, 81%, 79%
HSV	350°, 35%, 96%
XYZ	57.6943, 47.2647, 46.1266
YIQ	186.4240, 46.4410, 22.8970

Conversions

Conversions Part 2

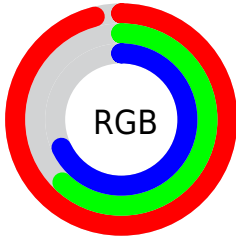
Format	Color
R_{YB}	245, 159, 174
Decimal	16097198
CIE _{Lab}	74.36, 33.87, 5.58
CIE _{LCh}	74, 34.331, 9.359
Yxy	47.2647, 0.3819, 0.3128
Android (android.graphics.Color)	4294287278 (0xFF59FAE)
YUV	186.4240, -6.1250, 51.3712
Hunter-Lab	68.7493, 29.4855, 8.3446

Details

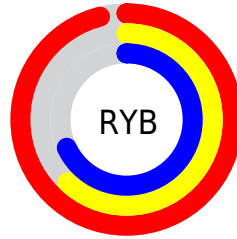
The XYZ color **57.6943, 47.2647, 46.1266** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.2355, 78.3900, 86.7702**, and the grayscale version is **46.9261, 49.3699, 53.7638**.

A 20% lighter version of the original color is **79.6833, 75.5180, 84.5054**, and **29.1604, 22.2780, 21.1755** is the 20% darker color. If you saturate the color by 10%, you get **52.0654, 38.9285, 35.2427**, and if you desaturate by 10%, it is **64.4577, 57.3941, 58.8548**.

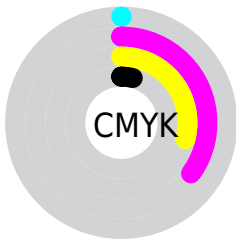
Distribution



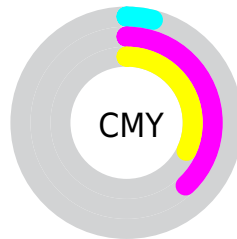
- Red (96%)
- Green (62%)
- Blue (68%)



- Red (96%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6943, 47.2647, 46.1266 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 57.6943, 47.2647, 46.1266 by changing the saturation by 10% instead.


 57.6943, 47.2647,
46.1266


 57.6943, 47.2647,
46.1266


406.0181,
375.8701, 387.6097

 41.8052, 33.2450,
31.9963


 100.6031, 86.1086,
85.7447

 29.1393, 22.3142,
21.0939


 128.3535,
111.7016, 112.0697

 19.3310, 14.0879,
13.0008


160.7885,
141.9210, 143.2966

 12.0151, 8.1818,
7.2983

198.2732,
177.1514, 179.8440

 6.8263, 4.2115,
3.5681

241.1733,
217.7771, 222.1305

 3.3990, 1.7926,
1.3915

289.8538,

 1.3681, 0.4825,

264.1826, 270.5746

0.1351

344.6803,
316.7521, 325.5948

■ 0.2333, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6943, 47.2647,
46.1266

■ 57.6943, 47.2647,
46.1266

■ 52.0654, 38.9285,
35.2427

■ 64.4577, 57.3941,
58.8548

■ 47.5043, 32.2743,
26.1142

■ 72.4097, 69.4057,
73.5050

■ 43.9433, 27.1889,
18.6486

■ 81.6055, 83.3912,
90.1538

■ 41.3051, 23.5426,
12.7439

■ 91.4523, 98.1469,
108.6583

■ 39.5006, 21.1843,
8.2864

■ 91.4663, 98.1525,
108.7323

■ 38.4220, 19.9293,
5.1458

■ 38.0872, 19.5849,
4.0316

Harmonies

Analogous

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



56.9830, 47.2647, 64.4126



57.6943, 47.2647, 46.1266



54.7492, 47.2647, 32.7619

Triad

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



57.6943, 47.2647, 46.1266



37.8032, 47.2647, 29.3849



40.8646, 47.2647, 90.3189

Complementary

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



57.6943, 47.2647, 46.1266



61.2355, 78.3900, 86.7702

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.



36.3502, 47.2647, 76.1952



57.6943, 47.2647, 46.1266



34.6984, 47.2647, 40.3772

Square

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



57.6943, 47.2647, 46.1266



43.0194, 47.2647, 24.6637



34.1920, 47.2647, 57.1964



46.8833, 47.2647, 92.8613

Rectangle

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



57.6943, 47.2647, 46.1266



51.2544, 47.2647, 27.3903



34.1920, 47.2647, 57.1964



39.1370, 47.2647, 86.6361

Sweetspot

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



57.6956, 47.2670, 46.1275



83.2383, 81.9880, 87.6638



61.2687, 48.0876, 92.4391



17.5301, 17.1137, 18.2438



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.



57.6956, 47.2670, 46.1275



58.7501, 45.1828, 41.9784



61.5239, 57.1340, 40.5890



16.6171, 16.5297, 17.7300



20.5532, 10.5647, 2.3554



1.8390, 0.9416, 0.3785

Inverse Universe

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



57.6956, 47.2670, 46.1275



58.7501, 45.1828, 41.9784



55.7923, 63.9871, 95.7966



16.6171, 16.5297, 17.7300



20.5532, 10.5647, 2.3554



1.8390, 0.9416, 0.3785

Previews

White Background



This preview shows how the XYZ color 57.6943, 47.2647, 46.1266 looks on a white background.

Color Contrast Check

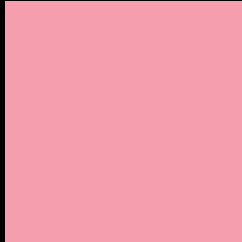
Large Text (above 18pt) WCAG AA × Fail

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 57.6943, 47.2647, 46.1266 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 57.6943, 47.2647, 46.1266

Background



This preview shows how black text looks on a background with the XYZ color 57.6943, 47.2647, 46.1266.



This preview shows how white text looks on a background with the XYZ color 57.6943, 47.2647,

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

57.6943, 47.2647, 46.1266

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

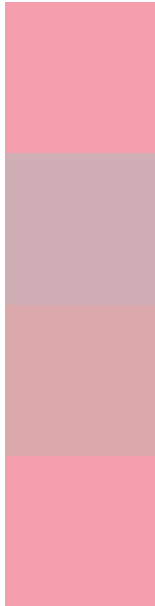
48.5264, 47.5064, 45.1401



Tritanopia

57.4050, 47.1490, 44.6032

Trichromacy



Original Color

57.6943, 47.2647, 46.1266

Protanomaly

49.3117, 46.9149, 50.7124

Deuteranomaly

51.3363, 46.9437, 45.3850

Tritanomaly

57.5007, 47.1873, 45.1072

Monochromacy



Original Color

57.6943, 47.2647, 46.1266

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.7010, 47.6935, 50.8422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6943, 47.2647, 46.1266 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(245, 159, 174)` looks like.

```
.text, #text, p{  
    color:rgb(245, 159, 174)  
}
```

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(245, 159, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 159, 174) }
```

Border

The CSS property to change the border of an element to XYZ 57.6943, 47.2647, 46.1266 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(245, 159, 174) }
```


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

```
.border{ border-color:rgb(245, 159, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 159, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 159, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 159, 174);  
box-shadow:4px 4px 4px 4px rgb(245, 159,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6943, 47.2647, 46.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 159, 174) }
```

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

```
.background{ background-color: rgb(245,  
159, 174) }
```

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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