

Converting Colors

XYZ(58.1828, 46.7350, 47.1734)

Have a look what the booklet for
XYZ(58.1828, 46.7350, 47.1734)
contains.

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Color

**XYZ(58.0827, 46.6857,
47.0242)**

Conversions

Conversions Part 1

Format	Color
Hex	F79CB0
RGB	247, 156, 176
RGB Percent	97%, 61%, 69%
CMY	0.0314, 0.3882, 0.3098
CMYK	0.00, 0.37, 0.29, 0.03
HSL	347°, 85%, 79%
HSV	347°, 37%, 97%
XYZ	58.0827, 46.6857, 47.0242
YIQ	185.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

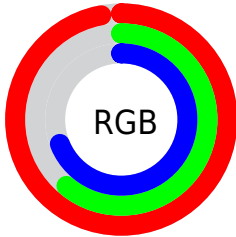
Format	Color
RYB	247, 156, 176
Decimal	16227504
CIELab	73.99, 36.42, 3.98
CIELCh	74, 36.636, 6.230
Yxy	46.6857, 0.3826, 0.3076
Android (android.graphics.Color)	4294417584 (0xFFFF79CB0)
YUV	185.4890, -4.6781, 53.9451
Hunter-Lab	68.3269, 32.1654, 7.0241

Details

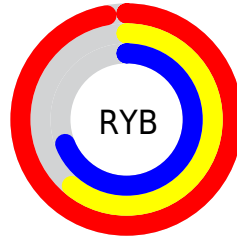
The XYZ color **58.0827, 46.6857, 47.0242** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8383, 79.1366, 84.7456**, and the grayscale version is **46.3943, 48.8104, 53.1545**.

A 20% lighter version of the original color is **79.3490, 74.1732, 86.4786**, and **29.4746, 21.9745, 21.7568** is the 20% darker color. If you saturate the color by 10%, you get **52.5780, 38.5143, 36.4397**, and if you desaturate by 10%, it is **64.7034, 56.6552, 59.3174**.

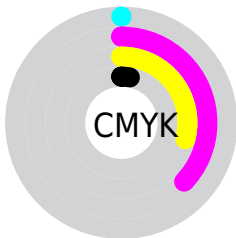
Distribution



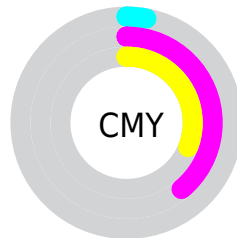
- Red (97%)
- Green (61%)
- Blue (69%)



- Red (97%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0827, 46.6857, 47.0242 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 58.0827, 46.6857, 47.0242 by changing the saturation by 10% instead.


 58.0827, 46.6857,
47.0242


 58.0827, 46.6857,
47.0242


407.4429,
373.5586, 391.3077

 42.1187, 32.7873,
32.7003


 101.1656, 85.2443,
87.1001

 29.3857, 21.9635,
21.6277


 129.0151,
110.6732, 113.6892

 19.5186, 13.8301,
13.3879

161.5571,
140.7144, 145.2038

 12.1518, 8.0026,
7.5624

199.1571,
175.7523, 182.0623

 6.9201, 4.0966,
3.7325

242.1803,
216.1713, 224.6835

 3.4581, 1.7277,
1.4798

290.9921,

 1.4004, 0.4415,

262.3557, 273.4857

0.2028

345.9578,
314.6900, 328.8876

■ 0.2565, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0827, 46.6857,
47.0242

■ 58.0827, 46.6857,
47.0242

■ 52.5780, 38.5143,
36.4397

■ 64.7034, 56.6552,
59.3174

■ 48.1227, 32.0270,
27.4842

■ 72.4940, 68.5146,
73.3884

■ 44.6490, 27.1071,
20.0756

■ 81.5096, 82.3573,
89.3059

■ 42.0791, 23.6201,
14.1233

■ 91.8004, 98.2685,
107.1341

■ 40.3227, 21.4086,
9.5265

■ 92.1678, 98.5142,
108.7651

■ 39.2679, 20.2738,
6.1694

■ 39.0302, 20.0431,
5.3355

Harmonies

Analogous

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



56.9034, 46.6857, 66.7718



58.0827, 46.6857, 47.0242



55.3079, 46.6857, 32.3823

Triad

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



58.0827, 46.6857, 47.0242



37.3492, 46.6857, 26.9675



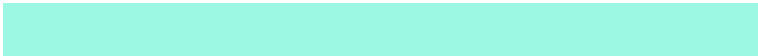
39.4960, 46.6857, 91.4216

Complementary

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



58.0827, 46.6857, 47.0242



60.8383, 79.1366, 84.7456

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.



34.9842, 46.6857, 75.2236



58.0827, 46.6857, 47.0242



33.8326, 46.6857, 37.6565

Square

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



58.0827, 46.6857, 47.0242



43.0228, 46.6857, 22.7816



33.0112, 46.6857, 54.8417



45.7519, 46.6857, 95.6891

Rectangle

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



58.0827, 46.6857, 47.0242



51.7357, 46.6857, 26.3904



33.0112, 46.6857, 54.8417



37.7449, 46.6857, 87.0263

Sweetspot

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



58.0840, 46.6879, 47.0251



83.4196, 82.0605, 88.6184



59.9695, 46.6259, 93.8348



17.5730, 17.1309, 18.4698



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.



58.0840, 46.6879, 47.0251



58.0496, 43.6518, 42.1458



60.7353, 54.9270, 38.8563



16.6482, 16.5421, 17.8939



20.6847, 10.6173, 3.0482



1.8549, 0.9479, 0.4622

Inverse Universe

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



58.0840, 46.6879, 47.0251



58.0496, 43.6518, 42.1458



56.8171, 66.4180, 97.8212



16.6482, 16.5421, 17.8939



20.6847, 10.6173, 3.0482



1.8549, 0.9479, 0.4622

Previews

White Background



This preview shows how the XYZ color 58.0827, 46.6857, 47.0242 looks on a white background.

Color Contrast Check

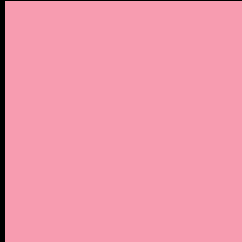
Large Text (above 18pt) WCAG AA × Fail

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 58.0827, 46.6857, 47.0242 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 58.0827, 46.6857, 47.0242

Background



This preview shows how black text looks on a background with the XYZ color 58.0827, 46.6857, 47.0242.



This preview shows how white text looks on a background with the XYZ color 58.0827, 46.6857,

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

58.0827, 46.6857, 47.0242

Protanopia

45.4563, 46.8766, 55.9425

Deuteranopia

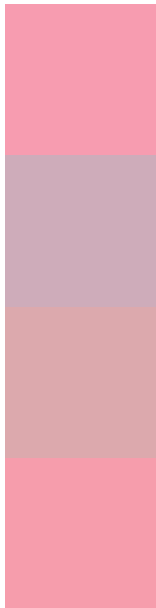
47.8736, 46.8666, 45.5527



Tritanopia

57.2244, 46.5713, 43.5092

Trichromacy



Original Color

58.0827, 46.6857, 47.0242

Protanomaly

49.0690, 46.1720, 52.7802

Deuteranomaly

51.2460, 46.6087, 45.8306

Tritanomaly

57.5094, 46.6853, 45.0098

Monochromacy



Original Color

58.0827, 46.6857, 47.0242

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.5920, 47.0594, 50.7256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0827, 46.6857, 47.0242 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(247, 156, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 156, 176)  
}
```

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(247, 156, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 156, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.0827, 46.6857, 47.0242 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(247, 156, 176) }
```


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

```
.border{ border-color:rgb(247, 156, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 156, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 156, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 156, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 156,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0827, 46.6857, 47.0242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 156, 176) }
```

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

```
.background{ background-color: rgb(247,  
156, 176) }
```

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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