

Converting Colors

XYZ(47.2758, 26.8482, 46.4066)

Have a look what the booklet for
XYZ(47.2758, 26.8482, 46.4066)
contains.

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Color

**XYZ(47.2758, 26.8482,
46.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	F248B5
RGB	242, 72, 181
RGB Percent	95%, 28%, 71%
CMY	0.0510, 0.7176, 0.2902
CMYK	0.00, 0.70, 0.25, 0.05
HSL	322°, 87%, 62%
HSV	322°, 70%, 95%
XYZ	47.2758, 26.8482, 46.4066
YIQ	135.2560, 66.3310, 69.9390

Conversions

Conversions Part 2

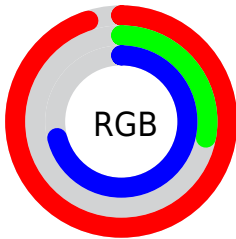
Format	Color
RYB	242, 72, 181
Decimal	15878325
CIELab	58.83, 73.60, -21.49
CIELCh	59, 76.674, 343.725
Yxy	26.8482, 0.3922, 0.2228
Android (android.graphics.Color)	4294068405 (0xFFFF248B5)
YUV	135.2560, 22.5518, 93.6145
Hunter-Lab	51.8152, 72.1852, -16.8304

Details

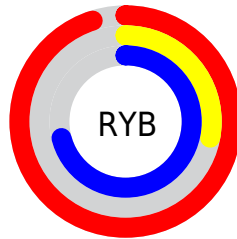
The XYZ color **47.2758, 26.8482, 46.4066** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **38.6598, 66.5763, 33.0069**, and the grayscale version is **23.0274, 24.2267, 26.3828**.

A 20% lighter version of the original color is **64.9136, 44.1495, 85.2211**, and **23.1877, 11.5036, 21.4204** is the 20% darker color. If you saturate the color by 10%, you get **45.1441, 23.9665, 41.4359**, and if you desaturate by 10%, it is **50.0800, 30.9854, 51.8759**.

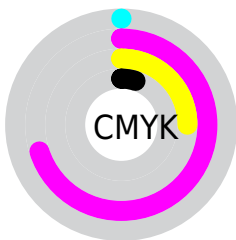
Distribution



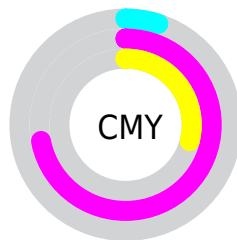
- Red (95%)
- Green (28%)
- Blue (71%)



- Red (95%)
- Yellow (28%)
- Blue (71%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2758, 26.8482, 46.4066 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 47.2758, 26.8482, 46.4066 by changing the saturation by 10% instead.

47.2758, 26.8482,
46.4066

47.2758, 26.8482,
46.4066

366.5449,
286.9214, 388.7659

33.4626, 17.4592,
32.2158

85.3414, 54.6402,
86.1679

22.6420, 10.5625,
21.2602

110.3245, 73.8120,
112.5754

14.4486, 5.7735,
13.1212

139.7616, 97.0136,
143.8923

8.5171, 2.7078,
7.3804

174.0181,
124.6293, 180.5371

4.4822, 0.9812,
3.6191

213.4593,
157.0435, 222.9283

1.9784, 0.0000,
1.4188

258.4506,

0.6218, 0.0000,

194.6407, 271.4845

0.1563

309.3574,
237.8052, 326.6242

■ 0.0000, 0.0000,
0.0000

■ 47.2758, 26.8482,
46.4066

■ 47.2758, 26.8482,
46.4066

■ 45.1441, 23.9665,
41.4359

■ 50.0800, 30.9854,
51.8759

■ 43.6044, 22.1817,
36.9315


■ 53.6196, 36.5034,
57.8691


■ 42.5479, 21.2492,
32.9399


■ 57.9530, 43.5168,
64.4103


■ 63.1314, 52.1270,
71.5215

■ 69.2020, 62.4266,
79.2227

 76.2082, 74.5008,
87.5327

 84.1903, 88.4294,
96.4694

 89.7076, 97.3291,
104.8899

 90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



40.2762, 26.8482, 85.3862



47.2758, 26.8482, 46.4066



47.5928, 26.8482, 18.5296

Triad

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



47.2758, 26.8482, 46.4066



21.4399, 26.8482, 2.2079



14.4973, 26.8482, 82.0778

Complementary

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



47.2758, 26.8482, 46.4066



38.6598, 66.5763, 33.0069

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.



11.6084, 26.8482, 43.4233



47.2758, 26.8482, 46.4066



14.8938, 26.8482, 5.4293

Square

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



47.2758, 26.8482, 46.4066



30.9657, 26.8482, 2.3170



11.7328, 26.8482, 16.9247



20.7507, 26.8482, 113.2260

Rectangle

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



47.2758, 26.8482, 46.4066



43.8431, 26.8482, 8.7948



11.7328, 26.8482, 16.9247



13.1783, 26.8482, 68.7649

Sweetspot

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



47.2766, 26.8496, 46.4071



77.3406, 69.2870, 88.4898



27.7839, 15.9128, 85.6117



16.1318, 14.1104, 18.4152



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.



47.2766, 26.8496, 46.4071



50.0756, 26.0519, 44.5802



41.1176, 24.3860, 13.9739



16.1995, 15.9295, 18.6068



22.9246, 11.4423, 18.0516



1.9544, 0.9708, 1.7510

Inverse Universe

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



47.2766, 26.8496, 46.4071



50.0756, 26.0519, 44.5802



46.8852, 69.8664, 76.3209



16.1995, 15.9295, 18.6068



22.9246, 11.4423, 18.0516



1.9544, 0.9708, 1.7510

Previews

White Background



This preview shows how the XYZ color 47.2758, 26.8482, 46.4066 looks on a white background.

Color Contrast Check

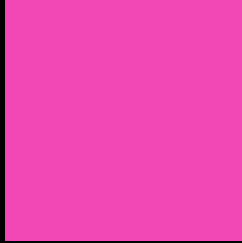
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2758, 26.8482, 46.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

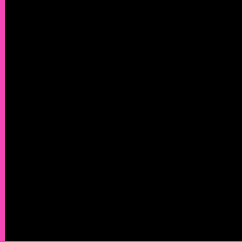
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2758, 26.8482, 46.4066

Background



This preview shows how black text looks on a background with the XYZ color 47.2758, 26.8482, 46.4066.



This preview shows how white text looks on a background with the XYZ color 47.2758, 26.8482,

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

47.2758, 26.8482, 46.4066

Protanopia

29.6238, 27.2947, 80.0510

Deuteranopia

27.6635, 27.1065, 42.8038



Tritanopia

40.7021, 26.7862, 15.3369

Trichromacy



Original Color

47.2758, 26.8482, 46.4066



Protanomaly

31.6585, 24.0341, 65.9213



Deuteranomaly

32.2287, 24.8216, 43.6498



Tritanomaly

42.6974, 26.6052, 24.0040

Monochromacy



Original Color

47.2758, 26.8482, 46.4066



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

28.9172, 22.8540, 32.5929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2758, 26.8482, 46.4066 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(242, 72, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 72, 181)  
}
```

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(242, 72, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 72, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.2758, 26.8482, 46.4066 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(242, 72, 181) }
```


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

```
.border{ border-color:rgb(242, 72, 181) }
```

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

Here you see how a box with a 4 pixel rgb(242, 72, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 72, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 72, 181);  
box-shadow:4px 4px 4px 4px rgb(242, 72,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2758, 26.8482, 46.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 72, 181) }
```

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

```
.background{ background-color: rgb(242, 72,  
181) }
```

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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