

Converting Colors

XYZ(47.6422, 26.7859, 34.1737)

Have a look what the booklet for
XYZ(47.6422, 26.7859, 34.1737)
contains.

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Color

**XYZ(47.7326, 26.8060,
34.1108)**

Conversions

Conversions Part 1

Format	Color
Hex	FB429C
RGB	251, 66, 156
RGB Percent	98%, 26%, 61%
CMY	0.0157, 0.7411, 0.3882
CMYK	0.00, 0.74, 0.38, 0.02
HSL	331°, 96%, 62%
HSV	331°, 74%, 98%
XYZ	47.7326, 26.8060, 34.1108
YIQ	131.5750, 81.3700, 67.2100

Conversions

Conversions Part 2

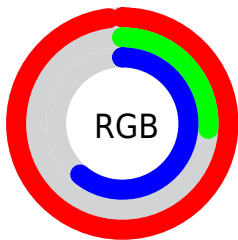
Format	Color
R _Y B	251, 66, 156
Decimal	16466588
CIE Lab	58.79, 75.04, -6.88
CIE LCh	59, 75.357, 354.763
Yxy	26.8060, 0.4393, 0.2467
Android (android.graphics.Color)	4294656668 (0xFFFB429C)
YUV	131.5750, 12.0415, 104.7357
Hunter-Lab	51.7745, 73.9595, -2.8201

Details

The XYZ color **47.7326, 26.8060, 34.1108** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **43.1789, 72.7266, 45.4858**, and the grayscale version is **21.7190, 22.8500, 24.8837**.

A 20% lighter version of the original color is **60.7231, 41.6137, 65.8045**, and **23.5361, 11.8387, 14.4092** is the 20% darker color. If you saturate the color by 10%, you get **45.5398, 24.0756, 28.2774**, and if you desaturate by 10%, it is **50.6855, 30.8712, 40.7696**.

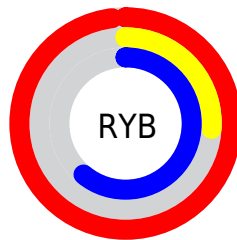
Distribution



Red (98%)

Green (26%)

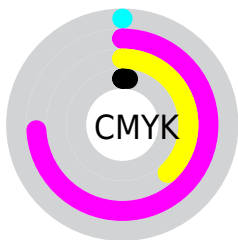
Blue (61%)



Red (98%)

Yellow (26%)

Blue (61%)

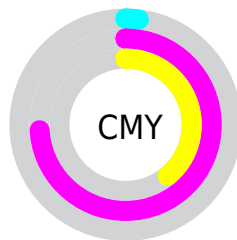


Cyan (0%)

Magenta (74%)

Yellow (38%)

Black (2%)



Cyan (2%)


Magenta (74%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7326, 26.8060, 34.1108 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 47.7326, 26.8060, 34.1108 by changing the saturation by 10% instead.


 47.7326, 26.8060,
34.1108


 47.7326, 26.8060,
34.1108

368.3315,
286.7166, 335.4100


 33.8255, 17.4276,
22.7007


 86.0182, 54.5724,
67.2418


 22.9219, 10.5398,
14.1694


 111.1275, 73.7292,
89.7998


 14.6562, 5.7583,
8.0985


 140.7016, 96.9142,
116.9108

 8.6632, 2.6987,
4.0694

 175.1059,
124.5118, 148.9933

 4.5775, 0.9765,
1.6635

 214.7056,
156.9065, 186.4660

 2.0338, 0.0000,
0.3355

259.8663,

 0.6528, 0.0000,

194.4826, 229.7473

0.0000

310.9531,
237.6245, 279.2558

■ 0.0000, 0.0000,
0.0000

■ 47.7326, 26.8060,
34.1108

■ 47.7326, 26.8060,
34.1108

■ 45.5398, 24.0756,
28.2774

■ 50.6855, 30.8712,
40.7696

■ 44.0102, 22.4919,
23.2185


■ 54.4744, 36.4175,
48.2953


■ 43.3026, 21.9168,
20.3928

■ 59.1678, 43.5767,
56.7273

■ 64.8262, 52.4645,
66.1014

■ 71.5045, 63.1862,
76.4509

 79.2535, 75.8383,
87.8073

 88.1203, 90.5107,
100.2003

 93.5936, 99.2492,
108.8318

Harmonies

Analogous

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



43.0343, 26.8060, 69.7803



47.7326, 26.8060, 34.1108



45.3887, 26.8060, 12.5727

Triad

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



47.7326, 26.8060, 34.1108



18.7035, 26.8060, 3.0182



16.4979, 26.8060, 94.1002

Complementary

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



47.7326, 26.8060, 34.1108



43.1789, 72.7266, 45.4858

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.



12.4547, 26.8060, 56.2938



47.7326, 26.8060, 34.1108



13.4943, 26.8060, 8.5004

Square

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



47.7326, 26.8060, 34.1108



27.1440, 26.8060, 2.1329



11.5067, 26.8060, 24.7617



23.8822, 26.8060, 115.5438

Rectangle

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



47.7326, 26.8060, 34.1108



40.3855, 26.8060, 5.9490



11.5067, 26.8060, 24.7617



14.7817, 26.8060, 82.0785

Sweetspot

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



47.7334, 26.8075, 34.1113



75.3940, 67.5623, 81.1554



33.5619, 18.1836, 93.0075



15.7014, 13.7545, 16.7154



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.



47.7334, 26.8075, 34.1113



46.4356, 24.1056, 26.9237



42.7163, 24.8007, 7.6919



17.5965, 17.3659, 19.7307



22.8347, 11.5496, 11.1038



2.1682, 1.0910, 1.3093

Inverse Universe

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



47.7334, 26.8075, 34.1113



46.4356, 24.1056, 26.9237



54.1573, 77.1180, 103.2975



17.5965, 17.3659, 19.7307



22.8347, 11.5496, 11.1038



2.1682, 1.0910, 1.3093

Previews

White Background



This preview shows how the XYZ color 47.7326, 26.8060, 34.1108 looks on a white background.

Color Contrast Check

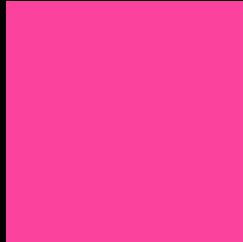
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7326, 26.8060, 34.1108 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 47.7326, 26.8060, 34.1108

Background



This preview shows how black text looks on a background with the XYZ color 47.7326, 26.8060, 34.1108.



This preview shows how white text looks on a background with the XYZ color 47.7326, 26.8060,

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

47.7326, 26.8060, 34.1108

Protanopia

28.1623, 27.1807, 60.8888

Deuteranopia

27.3490, 26.7702, 31.3295



Tritanopia

42.9795, 26.6547, 12.3308

Trichromacy



Original Color

47.7326, 26.8060, 34.1108



Protanomaly

31.0232, 23.7229, 49.9576



Deuteranomaly

32.1757, 24.3897, 31.8660



Tritanomaly

44.3459, 26.4565, 18.3921

Monochromacy



Original Color

47.7326, 26.8060, 34.1108



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

27.8495, 21.7622, 27.9320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7326, 26.8060, 34.1108 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, 66, 156)` looks like.

```
.text, #text, p{  
    color:rgb(251, 66, 156)  
}
```

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, 66, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 66, 156) }
```

Border

The CSS property to change the border of an element to XYZ 47.7326, 26.8060, 34.1108 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, 66, 156) }
```


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

```
.border{ border-color:rgb(251, 66, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 66, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 66, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 66, 156);  
box-shadow:4px 4px 4px 4px rgb(251, 66,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7326, 26.8060, 34.1108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 66, 156) }
```

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

```
.background{ background-color: rgb(251, 66,  
156) }
```

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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