

Converting Colors

XYZ(47.1931, 26.4957, 31.2692)

Have a look what the booklet for
XYZ(47.1931, 26.4957, 31.2692)
contains.

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Color

**XYZ(47.0988, 26.4597,
31.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4195
RGB	251, 65, 149
RGB Percent	98%, 25%, 58%
CMY	0.0157, 0.7451, 0.4157
CMYK	0.00, 0.74, 0.41, 0.02
HSL	333°, 96%, 62%
HSV	333°, 74%, 98%
XYZ	47.0988, 26.4597, 31.0586
YIQ	130.1900, 83.8920, 65.5560

Conversions

Conversions Part 2

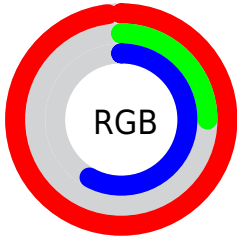
Format	Color
R _Y B	251, 65, 149
Decimal	16466325
CIE Lab	58.47, 74.67, -3.26
CIE LCh	58, 74.741, 357.502
Yxy	26.4597, 0.4502, 0.2529
Android (android.graphics.Color)	4294656405 (0xFFFB4195)
YUV	130.1900, 9.2733, 105.9504
Hunter-Lab	51.4390, 73.4207, 0.2083

Details

The XYZ color **47.0988, 26.4597, 31.0586** 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 **43.6541, 72.9091, 48.3370**, and the grayscale version is **21.2345, 22.3404, 24.3287**.

A 20% lighter version of the original color is **59.7387, 41.0101, 61.2671**, and **23.1909, 11.7007, 12.5914** is the 20% darker color. If you saturate the color by 10%, you get **44.9293, 23.7768, 25.2299**, and if you desaturate by 10%, it is **50.0392, 30.4765, 37.7856**.

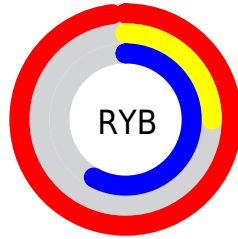
Distribution



Red (98%)

Green (25%)

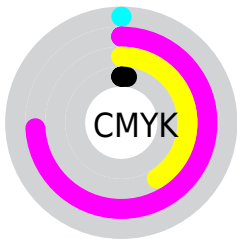
Blue (58%)



Red (98%)

Yellow (25%)

Blue (58%)

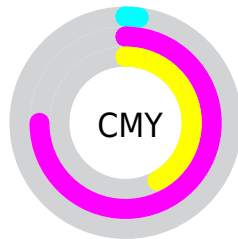


Cyan (0%)

Magenta (74%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (75%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0988, 26.4597, 31.0586 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 47.0988, 26.4597, 31.0586 by changing the saturation by 10% instead.


 47.0988, 26.4597,
31.0586


 47.0988, 26.4597,
31.0586


365.8511,
285.0315, 321.1678

 33.3220, 17.1679,
20.3846

 85.0789, 54.0156,
62.4130


 22.5337, 10.3542,
12.4881


 110.0130, 73.0485,
83.9305


 14.3684, 5.6345,
6.9505


 139.3969, 96.0972,
109.8996

 8.4607, 2.6241,
3.3532

 173.5960,
123.5461, 140.7388

 4.4454, 0.9388,
1.2777

 212.9756,
155.7796, 176.8667

 1.9571, 0.0000,
0.0434

257.9010,

 0.6097, 0.0000,

193.1820, 218.7018

0.0000

308.7378,
236.1379, 266.6626

■ 0.0000, 0.0000,
0.0000

■ 47.0988, 26.4597,
31.0586

■ 47.0988, 26.4597,
31.0586

■ 44.9293, 23.7768,
25.2299

■ 50.0392, 30.4765,
37.7856

■ 43.4319, 22.2376,
20.2437


■ 53.8278, 35.9748,
45.4572


■ 42.7839, 21.7093,
17.6606

■ 58.5342, 43.0875,
54.1169

■ 64.2198, 51.9310,
63.8046

■ 70.9406, 62.6113,
74.5574

 78.7480, 75.2256,
86.4104

 87.6900, 89.8640,
99.3967

 93.5937, 99.2492,
108.8318

Harmonies

Analogous

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



43.0657, 26.4597, 65.1752



47.0988, 26.4597, 31.0586



44.1707, 26.4597, 11.2627

Triad

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



47.0988, 26.4597, 31.0586



17.8779, 26.4597, 3.2601



16.8424, 26.4597, 95.4851

Complementary

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



47.0988, 26.4597, 31.0586



43.6541, 72.9091, 48.3370

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.



12.5638, 26.4597, 58.8479



47.0988, 26.4597, 31.0586



13.0519, 26.4597, 9.3520

Square

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



47.0988, 26.4597, 31.0586



25.9225, 26.4597, 2.1110



11.3647, 26.4597, 26.6729



24.3914, 26.4597, 113.9703

Rectangle

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



47.0988, 26.4597, 31.0586



38.9815, 26.4597, 5.3583



11.3647, 26.4597, 26.6729



15.0504, 26.4597, 84.1030

Sweetspot

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



47.0995, 26.4612, 31.0590



75.1267, 67.4553, 79.7478



34.6559, 18.6614, 93.0423



15.6385, 13.7293, 16.3842



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.



47.0995, 26.4612, 31.0590



45.7218, 23.7190, 23.4766



43.0049, 25.4245, 7.6437



17.5705, 17.3555, 19.5938



22.5601, 11.4398, 9.6578



2.1421, 1.0806, 1.1716

Inverse Universe

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



47.0995, 26.4612, 31.0590



45.7218, 23.7190, 23.4766



52.1855, 73.2734, 102.6596



17.5705, 17.3555, 19.5938



22.5601, 11.4398, 9.6578



2.1421, 1.0806, 1.1716

Previews

White Background



This preview shows how the XYZ color 47.0988, 26.4597, 31.0586 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 47.0988, 26.4597, 31.0586 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 47.0988, 26.4597, 31.0586

Background



This preview shows how black text looks on a background with the XYZ color 47.0988, 26.4597, 31.0586.



This preview shows how white text looks on a background with the XYZ color 47.0988, 26.4597,

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

47.0988, 26.4597, 31.0586

Protanopia

27.5086, 26.7358, 55.9352

Deuteranopia

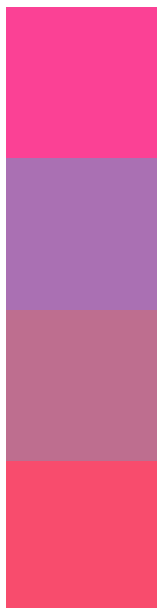
27.0554, 26.4703, 28.4943



Tritanopia

43.0548, 26.4806, 11.6461

Trichromacy



Original Color

47.0988, 26.4597, 31.0586

Protanomaly

30.5084, 23.3891, 45.5544

Deuteranomaly

31.7691, 24.0822, 28.9605

Tritanomaly

44.0562, 26.2295, 17.2088

Monochromacy



Original Color

47.0988, 26.4597, 31.0586

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

27.1249, 21.1129, 26.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0988, 26.4597, 31.0586 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, 65, 149)` looks like.

```
.text, #text, p{  
    color:rgb(251, 65, 149)  
}
```

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, 65, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 65, 149) }
```

Border

The CSS property to change the border of an element to XYZ 47.0988, 26.4597, 31.0586 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, 65, 149) }
```


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

```
.border{ border-color:rgb(251, 65, 149) }
```

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

Here you see how a box with a 4 pixel rgb(251, 65, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 65, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 65, 149);  
box-shadow:4px 4px 4px 4px rgb(251, 65,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0988, 26.4597, 31.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 65, 149) }
```

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

```
.background{ background-color: rgb(251, 65,  
149) }
```

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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