

Converting Colors

XYZ(48.0238, 26.0234, 40.0161)

Have a look what the booklet for
XYZ(48.0238, 26.0234, 40.0161)
contains.

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Color

**XYZ(47.9999, 26.0169,
40.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	FA38A9
RGB	250, 56, 169
RGB Percent	98%, 22%, 66%
CMY	0.0196, 0.7803, 0.3373
CMYK	0.00, 0.78, 0.32, 0.02
HSL	325°, 95%, 60%
HSV	325°, 78%, 98%
XYZ	47.9999, 26.0169, 40.0280
YIQ	126.8880, 79.3510, 76.2710

Conversions

Conversions Part 2

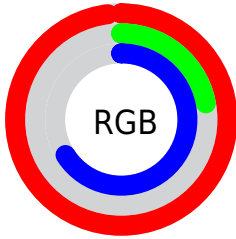
Format	Color
R _Y B	250, 56, 169
Decimal	16398505
CIE Lab	58.05, 78.98, -15.60
CIE LCh	58, 80.503, 348.830
Yxy	26.0169, 0.4209, 0.2281
Android (android.graphics.Color)	4294588585 (0xFFFA38A9)
YUV	126.8880, 20.7612, 107.9692
Hunter-Lab	51.0068, 78.7155, -10.8236

Details

The XYZ color **47.9999, 26.0169, 40.0280** 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 **40.3336, 71.0189, 35.2543**, and the grayscale version is **20.0486, 21.0927, 22.9700**.

A 20% lighter version of the original color is **61.6541, 40.5609, 75.1005**, and **23.9499, 11.9757, 17.8789** is the 20% darker color. If you saturate the color by 10%, you get **46.1347, 23.7927, 34.7626**, and if you desaturate by 10%, it is **50.5490, 29.4835, 45.9078**.

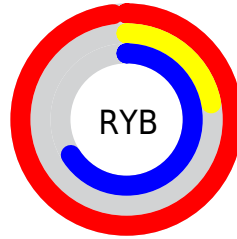
Distribution



Red (98%)

Green (22%)

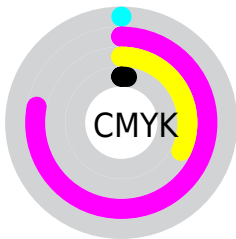
Blue (66%)



Red (98%)

Yellow (22%)

Blue (66%)

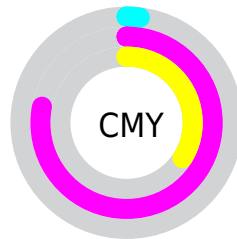


Cyan (0%)

Magenta (78%)

Yellow (32%)

Black (2%)



Cyan (2%)


Magenta (78%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9999, 26.0169, 40.0280 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 47.9999, 26.0169, 40.0280 by changing the saturation by 10% instead.


 47.9999, 26.0169,
40.0280

 47.9999, 26.0169,
40.0280


369.3743,
282.8650, 361.7972


 34.0381, 16.8363,
27.2464


 86.4140, 53.3022,
76.4437


 23.0859, 10.1178,
17.5243


 111.5969, 72.1757,
100.9149


 14.7780, 5.4772,
10.4431


 141.2509, 95.0489,
130.1197

 8.7490, 2.5299,
5.5843

 175.7413,
122.3063, 164.4767

 4.6336, 0.8915,
2.5293

 215.4335,
154.3322, 204.4044

 2.0665, 0.0000,
0.8556

260.6928,

 0.6709, 0.0000,

191.5110, 250.3214

0.0000

311.8846,
234.2272, 302.6461

■ 0.0000, 0.0000,
0.0000

■ 47.9999, 26.0169,
40.0280

■ 47.9999, 26.0169,
40.0280

■ 46.1347, 23.7927,
34.7626

■ 50.5490, 29.4835,
45.9078

■ 44.8446, 22.5966,
30.0659

■ 53.8608, 34.3474,
52.4363

■ 44.5825, 22.3872,
29.0073

■ 58.0050, 40.7454,
59.6455

■ 63.0425, 48.7966,
67.5637

■ 69.0282, 58.6084,
76.2171

76.0126, 70.2789,
85.6302

84.0422, 83.8990,
95.8261

92.8362, 98.9047,
106.7184

93.2343, 99.0640,
108.8150

Harmonies

Analogous

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



41.6553, 26.0169, 80.2687



47.9999, 26.0169, 40.0280



47.0003, 26.0169, 14.3142

Triad

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



47.9999, 26.0169, 40.0280



19.1678, 26.0169, 1.8573



14.3433, 26.0169, 90.8363

Complementary

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



47.9999, 26.0169, 40.0280



40.3336, 71.0189, 35.2543

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.



10.9106, 26.0169, 49.3807



47.9999, 26.0169, 40.0280



13.1489, 26.0169, 5.6694

Square

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



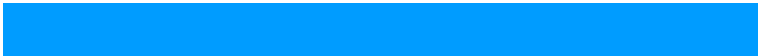
47.9999, 26.0169, 40.0280



28.5328, 26.0169, 1.5720



10.5399, 26.0169, 19.1638



21.2779, 26.0169, 120.1185

Rectangle

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



47.9999, 26.0169, 40.0280



42.3546, 26.0169, 6.2626



10.5399, 26.0169, 19.1638



12.8292, 26.0169, 76.9580

Sweetspot

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



48.0007, 26.0183, 40.0284



75.4137, 66.6398, 84.1273



28.9608, 15.0369, 91.8185



15.5947, 13.3533, 17.2585



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.



48.0007, 26.0183, 40.0284



47.4527, 24.0873, 33.5905



42.0148, 23.6240, 8.5071



17.6686, 17.3948, 20.1106



23.7214, 11.9043, 15.7730



2.2499, 1.1237, 1.7391

Inverse Universe

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



48.0007, 26.0183, 40.0284



47.4527, 24.0873, 33.5905



50.6448, 75.1434, 89.5522



17.6686, 17.3948, 20.1106



23.7214, 11.9043, 15.7730



2.2499, 1.1237, 1.7391

Previews

White Background



This preview shows how the XYZ color 47.9999, 26.0169, 40.0280 looks on a white background.

Color Contrast Check

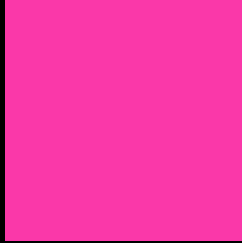
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9999, 26.0169, 40.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

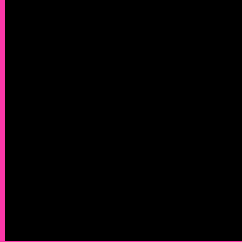
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.9999, 26.0169, 40.0280

Background



This preview shows how black text looks on a background with the XYZ color 47.9999, 26.0169, 40.0280.



This preview shows how white text looks on a background with the XYZ color 47.9999, 26.0169,

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

47.9999, 26.0169, 40.0280

Protanopia

28.4988, 26.3856, 75.5424

Deuteranopia

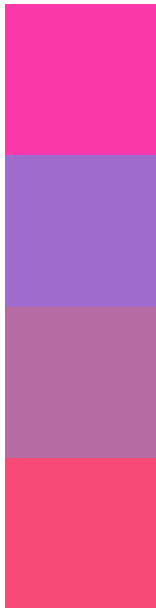
26.5638, 26.0408, 36.4272



Tritanopia

42.0458, 25.9558, 11.8107

Trichromacy



Original Color

47.9999, 26.0169, 40.0280

Protanomaly

30.4826, 22.4020, 60.4750

Deuteranomaly

31.3970, 23.2270, 37.4788

Tritanomaly

43.5995, 25.6423, 19.4811

Monochromacy



Original Color

47.9999, 26.0169, 40.0280

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

26.5494, 20.0310, 28.0582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9999, 26.0169, 40.0280 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(250, 56, 169)` looks like.

```
.text, #text, p{  
    color:rgb(250, 56, 169)  
}
```

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(250, 56, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 56, 169) }
```

Border

The CSS property to change the border of an element to XYZ 47.9999, 26.0169, 40.0280 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(250, 56, 169) }
```


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

```
.border{ border-color:rgb(250, 56, 169) }
```

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

Here you see how a box with a 4 pixel rgb(250, 56, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 56, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 56, 169);  
box-shadow:4px 4px 4px 4px rgb(250, 56,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9999, 26.0169, 40.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 56, 169) }
```

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

```
.background{ background-color: rgb(250, 56,  
169) }
```

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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