

Converting Colors

XYZ(47.1367, 26.2461, 24.9179)

Have a look what the booklet for
XYZ(47.1367, 26.2461, 24.9179)
contains.

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Color

**XYZ(47.1424, 26.2909,
24.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D85
RGB	255, 61, 133
RGB Percent	100%, 24%, 52%
CMY	0.0000, 0.7607, 0.4784
CMYK	0.00, 0.76, 0.48, 0.00
HSL	338°, 100%, 62%
HSV	338°, 76%, 100%
XYZ	47.1424, 26.2909, 24.7803
YIQ	127.2140, 92.5120, 63.5200

Conversions

Conversions Part 2

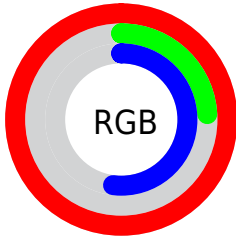
Format	Color
R_{YB}	255, 61, 133
Decimal	16727429
CIE _{Lab}	58.31, 75.48, 6.02
CIE _{LCh}	58, 75.715, 4.557
Yxy	26.2909, 0.4800, 0.2677
Android (android.graphics.Color)	4294917509 (0xFFFF3D85)
YUV	127.2140, 2.8525, 112.0683
Hunter-Lab	51.2747, 74.3839, 7.2383

Details

The XYZ color **47.1424, 26.2909, 24.7803** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **46.2339, 75.9319, 57.0265**, and the grayscale version is **20.2166, 21.2694, 23.1624**.

A 20% lighter version of the original color is **57.4365, 39.4724, 51.0461**, and **23.3385, 11.8466, 9.4440** is the 20% darker color. If you saturate the color by 10%, you get **45.0649, 23.7760, 19.0324**, and if you desaturate by 10%, it is **50.0367, 30.1690, 31.6355**.

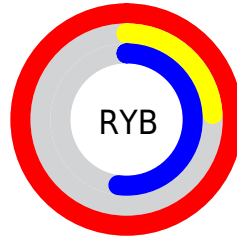
Distribution



Red (100%)

Green (24%)

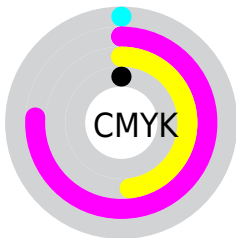
Blue (52%)



Red (100%)

Yellow (24%)

Blue (52%)

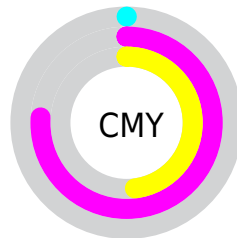


Cyan (0%)

Magenta (76%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1424, 26.2909, 24.7803 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 47.1424, 26.2909, 24.7803 by changing the saturation by 10% instead.


 47.1424, 26.2909,
24.7803


 47.1424, 26.2909,
24.7803


366.0221,
284.2072, 290.1546


 33.3567, 17.0414,
15.6959


 85.1436, 53.7439,
52.2603


 22.5604, 10.2640,
9.1572


 110.0898, 72.7161,
71.4929

 14.3881, 5.5744,
4.7457


 139.4868, 95.6981,
94.9455

 8.4746, 2.5880,
2.0427

 173.7000,
123.0741, 123.0364

 4.4545, 0.9207,
0.5813

 213.0948,
155.2287, 156.1842

 1.9623, 0.0000,
0.0000

258.0365,

 0.6127, 0.0000,

192.5461, 194.8075

0.0000

308.8905,
235.4108, 239.3248

■ 0.0000, 0.0000,
0.0000

■ 47.1424, 26.2909,
24.7803

■ 47.1424, 26.2909,
24.7803

■ 45.0649, 23.7760,
19.0324

■ 50.0367, 30.1690,
31.6355

■ 43.6940, 22.4155,
14.3167

■ 53.8340, 35.5707,
39.6615

■ 43.2886, 22.0794,
12.7183

■ 58.6108, 42.6385,
48.9172

■ 64.4347, 51.4973,
59.4568

■ 71.3670, 62.2599,
71.3307

■ 79.4641, 75.0297,
84.5863

■ 88.7783, 89.9027,
99.2687

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



44.6493, 26.2909, 56.4326



47.1424, 26.2909, 24.7803



42.6080, 26.2909, 8.4107

Triad

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



47.1424, 26.2909, 24.7803



16.2246, 26.2909, 3.8719



18.1228, 26.2909, 103.2601

Complementary

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



47.1424, 26.2909, 24.7803



46.2339, 75.9319, 57.0265

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.



13.0515, 26.2909, 68.1410



47.1424, 26.2909, 24.7803



12.1595, 26.2909, 11.8904

Square

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



47.1424, 26.2909, 24.7803



23.6070, 26.2909, 1.9863



11.1597, 26.2909, 32.8510



26.4233, 26.2909, 114.8692

Rectangle

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



47.1424, 26.2909, 24.7803



36.7375, 26.2909, 3.9917



11.1597, 26.2909, 32.8510



16.0570, 26.2909, 93.0724

Sweetspot

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



47.1431, 26.2924, 24.7807



73.7289, 65.9659, 75.2550



38.6909, 20.3391, 96.4942



15.1892, 13.1911, 15.1231



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.



47.1431, 26.2924, 24.7807



44.3091, 22.9763, 16.5850



45.2255, 27.8828, 7.4151



18.2881, 18.0985, 20.1342



22.6852, 11.5634, 6.9927



2.2595, 1.1462, 0.9477

Inverse Universe

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



47.1431, 26.2924, 24.7807



44.3091, 22.9763, 16.5850



48.9356, 66.1332, 104.7934



18.2881, 18.0985, 20.1342



22.6852, 11.5634, 6.9927



2.2595, 1.1462, 0.9477

Previews

White Background



This preview shows how the XYZ color 47.1424, 26.2909, 24.7803 looks on a white background.

Color Contrast Check

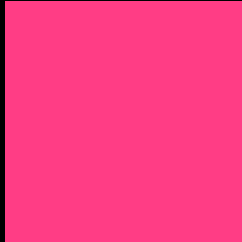
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1424, 26.2909, 24.7803 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 47.1424, 26.2909, 24.7803

Background



This preview shows how black text looks on a background with the XYZ color 47.1424, 26.2909, 24.7803.



This preview shows how white text looks on a background with the XYZ color 47.1424, 26.2909, 24.7803.

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

47.1424, 26.2909, 24.7803

Protanopia

26.5285, 26.4649, 45.3050

Deuteranopia

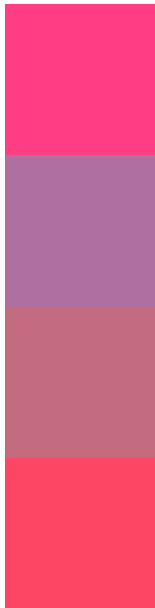
26.7993, 26.2568, 22.7244



Tritanopia

44.0722, 26.2921, 10.1492

Trichromacy



Original Color

47.1424, 26.2909, 24.7803

Protanomaly

30.0220, 23.1722, 36.6086

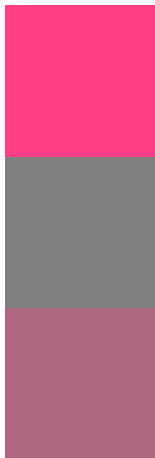
Deuteranomaly

31.6990, 23.8595, 23.0133

Tritanomaly

44.9503, 26.1638, 14.4854

Monochromacy



Original Color

47.1424, 26.2909, 24.7803

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

26.2683, 20.2841, 23.2996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1424, 26.2909, 24.7803 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(255, 61, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 133)  
}
```

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(255, 61, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 133) }
```

Border

The CSS property to change the border of an element to XYZ 47.1424, 26.2909, 24.7803 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(255, 61, 133) }
```


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

```
.border{ border-color:rgb(255, 61, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1424, 26.2909, 24.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 133) }
```

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

```
.background{ background-color: rgb(255, 61,  
133) }
```

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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