

Converting Colors

XYZ(47.9350, 27.4871, 29.8376)

Have a look what the booklet for
XYZ(47.9350, 27.4871, 29.8376)
contains.

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Color

**XYZ(47.9496, 27.4644,
29.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4792
RGB	253, 71, 146
RGB Percent	99%, 28%, 57%
CMY	0.0078, 0.7215, 0.4274
CMYK	0.00, 0.72, 0.42, 0.01
HSL	335°, 98%, 64%
HSV	335°, 72%, 99%
XYZ	47.9496, 27.4644, 29.9681
YIQ	133.9680, 84.3970, 61.9090

Conversions

Conversions Part 2

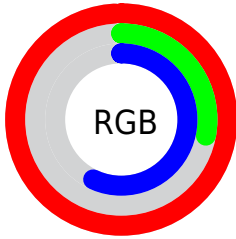
Format	Color
R _Y B	253, 71, 146
Decimal	16598930
CIE Lab	59.40, 73.03, -0.09
CIE LCh	59, 73.025, 359.927
Yxy	27.4644, 0.4550, 0.2606
Android (android.graphics.Color)	4294789010 (0xFFFD4792)
YUV	133.9680, 5.9318, 104.3911
Hunter-Lab	52.4065, 71.6082, 2.7802

Details

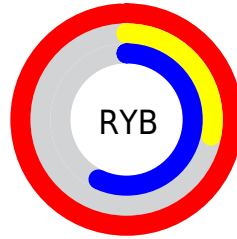
The XYZ color **47.9496, 27.4644, 29.9681** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45.7616, 74.8054, 54.1522**, and the grayscale version is **22.6071, 23.7844, 25.9013**.

A 20% lighter version of the original color is **59.9166, 41.9327, 59.5794**, and **23.5972, 11.9209, 12.1236** is the 20% darker color. If you saturate the color by 10%, you get **45.5790, 24.4563, 23.8356**, and if you desaturate by 10%, it is **51.1414, 31.8742, 37.1176**.

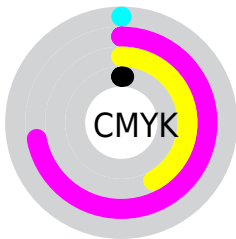
Distribution



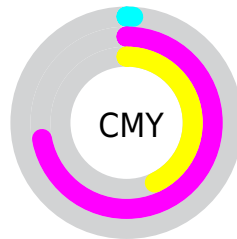
- Red (99%)
- Green (28%)
- Blue (57%)



- Red (99%)
- Yellow (28%)
- Blue (57%)



- Cyan (0%)
- Magenta (72%)
- Yellow (42%)
- Black (1%)





- Cyan (1%)
- Magenta (72%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9496, 27.4644, 29.9681 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 47.9496, 27.4644, 29.9681 by changing the saturation by 10% instead.


 47.9496, 27.4644,
29.9681


 47.9496, 27.4644,
29.9681


369.1782,
289.8987, 315.9584

 33.9981, 17.9223,
19.5625


 86.3395, 55.6282,
60.6721


 23.0550, 10.8942,
11.8965


 111.5086, 75.0187,
81.8077


 14.7550, 5.9957,
6.5516


 141.1476, 98.4607,
107.3570

 8.7328, 2.8425,
3.1091

 175.6218,
126.3388, 137.7385

 4.6230, 1.0501,
1.1506

 215.2966,
159.0372, 173.3709

 2.0603, 0.0000,
0.0000

260.5374,

 0.6675, 0.0000,

196.9404, 214.6727

0.0000

311.7095,
240.4328, 262.0623

■ 0.0000, 0.0000,
0.0000

■ 47.9496, 27.4644,
29.9681

■ 47.9496, 27.4644,
29.9681

■ 45.5790, 24.4563,
23.8356

■ 51.1414, 31.8742,
37.1176

■ 43.9325, 22.6644,
18.6587


■ 55.2318, 37.8312,
45.3362


■ 43.0194, 21.8872,
15.1206


■ 60.2908, 45.4677,
54.6730

■ 66.3808, 54.9003,
65.1732

■ 73.5587, 66.2351,
76.8790

 81.8770, 79.5700,
89.8305

 91.3848, 94.9960,
104.0655

 94.3180, 99.6227,
108.8657

Harmonies

Analogous

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



44.4841, 27.4644, 62.9308



47.9496, 27.4644, 29.9681



44.5160, 27.4644, 11.1504

Triad

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



47.9496, 27.4644, 29.9681



18.2728, 27.4644, 4.0415



18.2423, 27.4644, 98.1478

Complementary

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



47.9496, 27.4644, 29.9681



45.7616, 74.8054, 54.1522

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.



13.6313, 27.4644, 62.7490



47.9496, 27.4644, 29.9681



13.6458, 27.4644, 11.0930

Square

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



47.9496, 27.4644, 29.9681



26.1264, 27.4644, 2.5176



12.1657, 27.4644, 29.8401



26.0818, 27.4644, 113.9042

Rectangle

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



47.9496, 27.4644, 29.9681



39.1491, 27.4644, 5.5426



12.1657, 27.4644, 29.8401



16.3361, 27.4644, 87.4171

Sweetspot

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



47.9503, 27.4659, 29.9686



74.8274, 67.3356, 78.1719



38.1541, 20.9670, 94.9646



15.5682, 13.7012, 16.0141



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.



47.9503, 27.4659, 29.9686



45.6318, 24.0117, 21.9898



44.9877, 28.0216, 9.0008



18.3197, 18.1112, 20.3007



22.9530, 11.6705, 8.4029



2.2876, 1.1574, 1.0959

Inverse Universe

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



47.9503, 27.4659, 29.9686



45.6318, 24.0117, 21.9898



50.8553, 69.4845, 103.6601



18.3197, 18.1112, 20.3007



22.9530, 11.6705, 8.4029



2.2876, 1.1574, 1.0959

Previews

White Background



This preview shows how the XYZ color 47.9496, 27.4644, 29.9681 looks on a white background.

Color Contrast Check

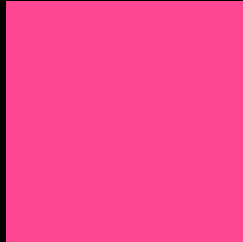
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9496, 27.4644, 29.9681 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 47.9496, 27.4644, 29.9681

Background



This preview shows how black text looks on a background with the XYZ color 47.9496, 27.4644, 29.9681.



This preview shows how white text looks on a background with the XYZ color 47.9496, 27.4644,

29.9681.

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

47.9496, 27.4644, 29.9681

Protanopia

28.0642, 27.7660, 52.0243

Deuteranopia

27.9019, 27.3540, 27.4762



Tritanopia

44.1609, 27.3749, 12.6292

Trichromacy



Original Color

47.9496, 27.4644, 29.9681



Protanomaly

31.4674, 24.6219, 42.6291



Deuteranomaly

32.7433, 25.2655, 27.9619



Tritanomaly

45.1075, 27.1871, 17.6221

Monochromacy



Original Color

47.9496, 27.4644, 29.9681



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

28.4033, 22.5510, 26.9005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9496, 27.4644, 29.9681 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(253, 71, 146)` looks like.

```
.text, #text, p{  
    color:rgb(253, 71, 146)  
}
```

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(253, 71, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 71, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.9496, 27.4644, 29.9681 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(253, 71, 146) }
```


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

```
.border{ border-color:rgb(253, 71, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 71, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 71, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 71, 146);  
box-shadow:4px 4px 4px 4px rgb(253, 71,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9496, 27.4644, 29.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 71, 146) }
```

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

```
.background{ background-color: rgb(253, 71,  
146) }
```

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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