

Converting Colors

XYZ(45.0482, 23.8009, 29.4139)

Have a look what the booklet for
XYZ(45.0482, 23.8009, 29.4139)
contains.

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Color

**XYZ(45.0482, 23.8009,
29.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	F92992
RGB	249, 41, 146
RGB Percent	98%, 16%, 57%
CMY	0.0235, 0.8391, 0.4274
CMYK	0.00, 0.84, 0.41, 0.02
HSL	330°, 95%, 57%
HSV	330°, 84%, 98%
XYZ	45.0482, 23.8009, 29.4139
YIQ	115.1620, 90.2630, 76.7510

Conversions

Conversions Part 2

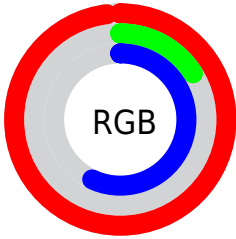
Format	Color
R_{YB}	249, 41, 146
Decimal	16329106
CIE _{Lab}	55.89, 79.98, -5.34
CIE _{LCh}	56, 80.154, 356.177
Yxy	23.8009, 0.4584, 0.2422
Android (android.graphics.Color)	4294519186 (0xFFFF92992)
YUV	115.1620, 15.2031, 117.3759
Hunter-Lab	48.7862, 79.4476, -1.5965

Details

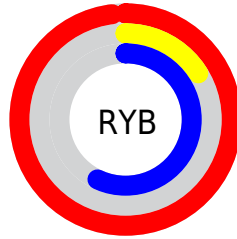
The XYZ color **45.0482, 23.8009, 29.4139** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **39.8263, 70.2374, 37.8510**, and the grayscale version is **16.2837, 17.1317, 18.6564**.

A 20% lighter version of the original color is **57.4595, 37.0185, 58.7604**, and **22.6048, 11.4093, 12.0771** is the 20% darker color. If you saturate the color by 10%, you get **43.5340, 22.2259, 24.4290**, and if you desaturate by 10%, it is **47.2106, 26.5068, 35.1258**.

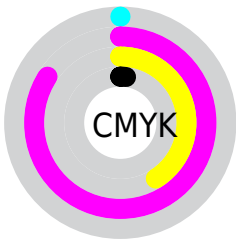
Distribution



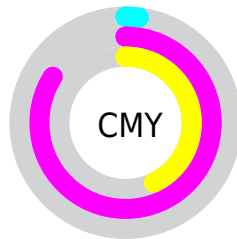
- Red (98%)
- Green (16%)
- Blue (57%)



- Red (98%)
- Yellow (16%)
- Blue (57%)



- Cyan (0%)
- Magenta (84%)
- Yellow (41%)
- Black (2%)





- Cyan (2%)
- Magenta (84%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0482, 23.8009, 29.4139 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 45.0482, 23.8009, 29.4139 by changing the saturation by 10% instead.


 45.0482, 23.8009,
29.4139


 45.0482, 23.8009,
29.4139

357.7491,
271.8123, 313.2847


 31.6968, 15.1860,
19.1459


 82.0294, 49.7051,
59.7841


 21.2845, 8.9500,
11.5979


 106.3899, 67.7632,
80.7233


 13.4457, 4.7086,
6.3513


 135.1508, 89.7378,
106.0567

 7.8153, 2.0773,
2.9876

 168.6775,
116.0133, 136.2027

 4.0278, 0.6518,
1.0883

 207.3353,
146.9741, 171.5800

 1.7179, 0.0000,
0.0000

251.4896,

 0.4674, 0.0000,

183.0046, 212.6071

0.0000

301.5058,
224.4892, 259.7025

■ 0.0000, 0.0000,
0.0000

■ 45.0482, 23.8009,
29.4139

■ 45.0482, 23.8009,
29.4139

■ 43.5340, 22.2259,
24.4290

■ 47.2106, 26.5068,
35.1258

■ 42.8126, 21.6380,
21.5529

■ 50.1112, 30.5184,
41.6095

■ 53.8266, 35.9845,
48.9055

■ 58.4229, 43.0322,
57.0500

■ 63.9589, 51.7748,
66.0762

70.4880, 62.3150,
76.0151

78.0596, 74.7475,
86.8959

86.7197, 89.1601,
98.7463

92.8769, 98.8797,
108.7983

Harmonies

Analogous

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



40.5650, 23.8009, 65.1834



45.0482, 23.8009, 29.4139



42.3172, 23.8009, 9.4613

Triad

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



45.0482, 23.8009, 29.4139



15.7277, 23.8009, 1.9150



14.1897, 23.8009, 94.1418

Complementary

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



45.0482, 23.8009, 29.4139



39.8263, 70.2374, 37.8510

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.



10.2417, 23.8009, 55.0239



45.0482, 23.8009, 29.4139



10.9474, 23.8009, 6.7946

Square

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



45.0482, 23.8009, 29.4139



23.8128, 23.8009, 1.1570



9.2378, 23.8009, 22.7054



21.4716, 23.8009, 115.4116

Rectangle

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



45.0482, 23.8009, 29.4139



37.0852, 23.8009, 3.9334



9.2378, 23.8009, 22.7054



12.5135, 23.8009, 81.7460

Sweetspot

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



45.0489, 23.8023, 29.4143



73.3026, 63.9816, 78.6017



28.9696, 14.1372, 90.8244



15.1568, 12.8316, 16.0212



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.



45.0489, 23.8023, 29.4143



45.1835, 22.8374, 22.6964



40.3243, 21.9124, 4.5352



17.6101, 17.3714, 19.8028



22.9888, 11.6113, 11.9155



2.1827, 1.0968, 1.3855

Inverse Universe

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



45.0489, 23.8023, 29.4143



45.1835, 22.8374, 22.6964



51.3539, 74.8484, 98.5545



17.6101, 17.3714, 19.8028



22.9888, 11.6113, 11.9155



2.1827, 1.0968, 1.3855

Previews

White Background



This preview shows how the XYZ color 45.0482, 23.8009, 29.4139 looks on a white background.

Color Contrast Check

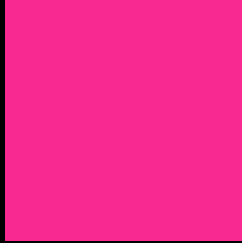
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0482, 23.8009, 29.4139 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 45.0482, 23.8009, 29.4139

Background



This preview shows how black text looks on a background with the XYZ color 45.0482, 23.8009, 29.4139.



This preview shows how white text looks on a background with the XYZ color 45.0482, 23.8009,

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

45.0482, 23.8009, 29.4139

Protanopia

25.3423, 24.0818, 59.1897

Deuteranopia

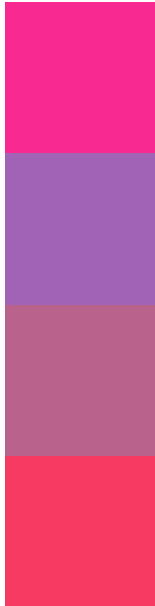
24.4592, 23.9459, 26.6254



Tritanopia

40.7688, 23.8690, 8.2528

Trichromacy



Original Color

45.0482, 23.8009, 29.4139

Protanomaly

27.6033, 19.8781, 46.6380

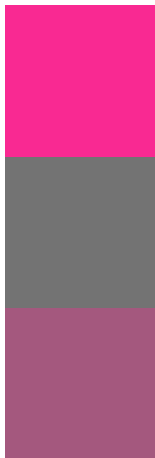
Deuteranomaly

28.8685, 20.8192, 27.3079

Tritanomaly

41.7237, 23.5008, 13.8923

Monochromacy



Original Color

45.0482, 23.8009, 29.4139

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

22.5655, 16.3783, 21.7107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0482, 23.8009, 29.4139 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(249, 41, 146)` looks like.

```
.text, #text, p{  
    color:rgb(249, 41, 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(249, 41, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 41, 146) }
```

Border

The CSS property to change the border of an element to XYZ 45.0482, 23.8009, 29.4139 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(249, 41, 146) }
```


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

```
.border{ border-color:rgb(249, 41, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 41, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 41, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 41, 146);  
box-shadow:4px 4px 4px 4px rgb(249, 41,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0482, 23.8009, 29.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 41, 146) }
```

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

```
.background{ background-color: rgb(249, 41,  
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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