

Converting Colors

XYZ(48.7881, 24.6285, 49.3999)

Have a look what the booklet for
XYZ(48.7881, 24.6285, 49.3999)
contains.

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Color

**XYZ(48.7416, 24.6071,
49.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	FA19BB
RGB	250, 25, 187
RGB Percent	98%, 10%, 73%
CMY	0.0196, 0.9018, 0.2667
CMYK	0.00, 0.90, 0.25, 0.02
HSL	317°, 96%, 54%
HSV	317°, 90%, 98%
XYZ	48.7416, 24.6071, 49.1944
YIQ	110.7430, 82.0980, 98.0820

Conversions

Conversions Part 2

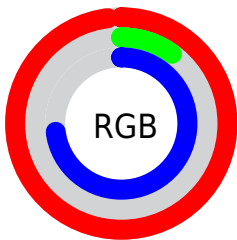
Format	Color
RYB	250, 25, 187
Decimal	16390587
CIELab	56.69, 86.89, -28.14
CIELCh	57, 91.333, 342.056
Yxy	24.6071, 0.3978, 0.2008
Android (android.graphics.Color)	4294580667 (0xFFFA19BB)
YUV	110.7430, 37.5947, 122.1284
Hunter-Lab	49.6055, 88.5815, -24.0747

Details

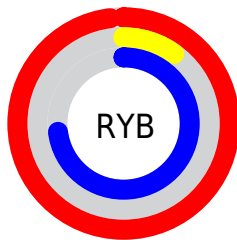
The XYZ color **48.7416, 24.6071, 49.1944** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **36.3500, 69.2835, 20.6959**, and the grayscale version is **14.9176, 15.6945, 17.0913**.

A 20% lighter version of the original color is **62.6754, 38.2465, 88.8730**, and **24.9727, 12.3848, 23.2646** is the 20% darker color. If you saturate the color by 10%, you get **47.6630, 23.6200, 45.2267**, and if you desaturate by 10%, it is **50.3041, 26.5028, 53.5039**.

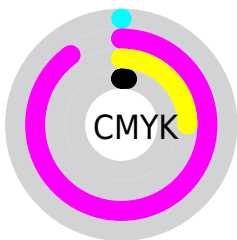
Distribution



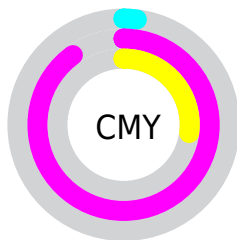
- Red (98%)
- Green (10%)
- Blue (73%)



- Red (98%)
- Yellow (10%)
- Blue (73%)



- Cyan (0%)
- Magenta (90%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (90%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7416, 24.6071, 49.1944 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 48.7416, 24.6071, 49.1944 by changing the saturation by 10% instead.

 48.7416, 24.6071,
49.1944

 48.7416, 24.6071,
49.1944


372.2580,
275.8756, 400.1516


 34.6282, 15.7846,
34.4070


 87.5106, 51.0191,
90.3641


 23.5418, 9.3718,
22.9266


 112.8969, 69.3774,
117.5835

 15.1170, 4.9845,
14.3345


 142.7716, 91.6830,
149.7840

 8.9884, 2.2382,
8.2123

 177.5000,
118.3204, 187.3841

 4.7906, 0.7407,
4.1414

 217.4475,
149.6740, 230.8023

 2.1584, 0.0000,
1.7032

262.9794,

 0.7207, 0.0000,

186.1281, 280.4573

0.3629

314.4612,
228.0672, 336.7676

■ 0.0000, 0.0000,
0.0000

■ 48.7416, 24.6071,
49.1944

■ 48.7416, 24.6071,
49.1944

■ 47.6630, 23.6200,
45.2267

■ 50.3041, 26.5028,
53.5039

■ 47.6618, 23.6190,
45.2224

■ 52.4854, 29.5773,
58.2024

■ 55.3699, 33.9981,
63.3205

■ 59.0280, 39.9051,
68.8840

■ 63.5209, 47.4201,
74.9157

68.9037, 56.6527,
81.4364

75.2267, 67.7025,
88.4649

82.5363, 80.6616,
96.0191

90.8757, 95.6159,
104.1154

Harmonies

Analogous

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



39.9384, 24.6071, 98.0629



48.7416, 24.6071, 49.1944



49.6341, 24.6071, 16.3260

Triad

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



48.7416, 24.6071, 49.1944



19.3711, 24.6071, 0.5889



11.2518, 24.6071, 88.3018

Complementary

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



48.7416, 24.6071, 49.1944



36.3500, 69.2835, 20.6959

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.



8.5465, 24.6071, 40.9846



48.7416, 24.6071, 49.1944



12.1887, 24.6071, 2.5894

Square

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



48.7416, 24.6071, 49.1944



30.2725, 24.6071, 0.7587



8.8274, 24.6071, 12.4950



17.6360, 24.6071, 130.0845

Rectangle

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



48.7416, 24.6071, 49.1944



45.3582, 24.6071, 6.1782



8.8274, 24.6071, 12.4950



9.9836, 24.6071, 71.4575

Sweetspot

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



48.7424, 24.6084, 49.1948



73.9301, 62.4809, 87.3069



21.3518, 9.5309, 91.1571



15.3677, 12.5811, 18.1642



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.



48.7424, 24.6084, 49.1948



49.8489, 24.7036, 47.2639



41.1308, 21.5638, 9.1126



17.7736, 17.4368, 20.6634



25.3457, 12.5540, 24.3268



2.3926, 1.1808, 2.4908

Inverse Universe

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



48.7424, 24.6084, 49.1948



49.8489, 24.7036, 47.2639



44.7236, 72.6330, 64.7908



17.7736, 17.4368, 20.6634



25.3457, 12.5540, 24.3268



2.3926, 1.1808, 2.4908

Previews

White Background



This preview shows how the XYZ color 48.7416, 24.6071, 49.1944 looks on a white background.

Color Contrast Check

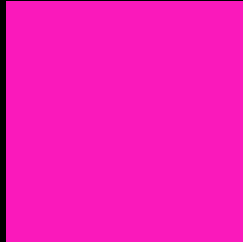
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7416, 24.6071, 49.1944 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 48.7416, 24.6071, 49.1944

Background



This preview shows how black text looks on a background with the XYZ color 48.7416, 24.6071, 49.1944.



This preview shows how white text looks on a background with the XYZ color 48.7416, 24.6071,

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

48.7416, 24.6071, 49.1944

Protanopia

29.1100, 25.3728, 97.9709

Deuteranopia

25.3162, 24.8125, 44.0124



Tritanopia

40.6504, 24.6253, 10.2001

Trichromacy



Original Color

48.7416, 24.6071, 49.1944



Protanomaly

28.6022, 19.0369, 77.0299



Deuteranomaly

29.3730, 20.1443, 44.9879



Tritanomaly

42.4491, 23.6706, 19.7843

Monochromacy



Original Color

48.7416, 24.6071, 49.1944



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

22.4292, 15.2828, 26.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7416, 24.6071, 49.1944 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, 25, 187)` looks like.

```
.text, #text, p{  
    color:rgb(250, 25, 187)  
}
```

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, 25, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 25, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.7416, 24.6071, 49.1944 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, 25, 187) }
```


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

```
.border{ border-color:rgb(250, 25, 187) }
```

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

Here you see how a box with a 4 pixel rgb(250, 25, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 25, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 25, 187);  
box-shadow:4px 4px 4px 4px rgb(250, 25,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7416, 24.6071, 49.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 25, 187) }
```

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

```
.background{ background-color: rgb(250, 25,  
187) }
```

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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