

Converting Colors

XYZ(49.1055, 26.0980, 58.9435)

Have a look what the booklet for
XYZ(49.1055, 26.0980, 58.9435)
contains.

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Color

**XYZ(49.1078, 26.0989,
58.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	F337CB
RGB	243, 55, 203
RGB Percent	95%, 22%, 80%
CMY	0.0471, 0.7843, 0.2039
CMYK	0.00, 0.77, 0.16, 0.05
HSL	313°, 89%, 58%
HSV	313°, 77%, 95%
XYZ	49.1078, 26.0989, 58.9492
YIQ	128.0840, 64.5400, 85.8840

Conversions

Conversions Part 2

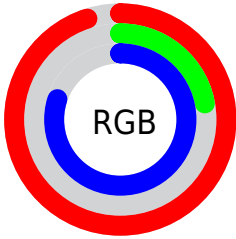
Format	Color
R _Y B	243, 55, 203
Decimal	15939531
CIE _{Lab}	58.13, 81.68, -35.19
CIE _{LCh}	58, 88.942, 336.691
Yxy	26.0989, 0.3661, 0.1945
Android (android.graphics.Color)	4294129611 (0xFFFF337CB)
YUV	128.0840, 36.9336, 100.7813
Hunter-Lab	51.0871, 82.1819, -32.6536

Details

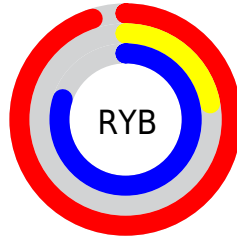
The XYZ color **49.1078, 26.0989, 58.9492** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **35.6932, 65.7406, 21.6376**, and the grayscale version is **20.4095, 21.4724, 23.3834**.

A 20% lighter version of the original color is **66.1274, 42.1547, 99.2591**, and **24.6367, 12.0832, 29.0508** is the 20% darker color. If you saturate the color by 10%, you get **47.6183, 24.0892, 55.4631**, and if you desaturate by 10%, it is **51.1872, 29.2545, 62.7337**.

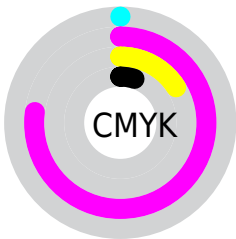
Distribution



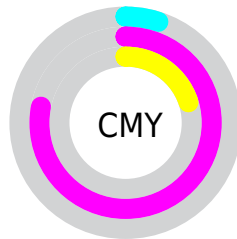
- Red (95%)
- Green (22%)
- Blue (80%)



- Red (95%)
- Yellow (22%)
- Blue (80%)



- Cyan (0%)
- Magenta (77%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1078, 26.0989, 58.9492 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 49.1078, 26.0989, 58.9492 by changing the saturation by 10% instead.


 49.1078, 26.0989,
58.9492


 49.1078, 26.0989,
58.9492


373.6765,
283.2672, 438.4103

 34.9199, 16.8976,
42.1525


 88.0513, 53.4345,
104.8322


 23.7674, 10.1615,
28.8942


 113.5376, 72.3375,
134.7556


 15.2850, 5.5062,
18.7559


 143.5207, 95.2434,
169.8916

 9.1072, 2.5472,
11.3190

 178.3661,
122.5363, 210.6588

 4.8689, 0.9002,
6.1650

 218.4390,
154.6008, 257.4758

 2.2045, 0.0000,
2.8753

264.1047,

 0.7451, 0.0000,

191.8211, 310.7610

1.0313

315.7288,
234.5818, 370.9329

■ 0.0000, 0.0000,
0.0000

■ 49.1078, 26.0989,
58.9492

■ 49.1078, 26.0989,
58.9492

■ 47.6183, 24.0892,
55.4631

■ 51.1872, 29.2545,
62.7337

■ 46.6196, 23.0291,
52.2409

■ 53.9275, 33.6992,
66.8406

■ 46.3988, 22.8294,
51.4214

■ 57.3922, 39.5593,
71.2924

■ 61.6368, 46.9452,
76.1084

■ 66.7109, 55.9561,
81.3060

72.6602, 66.6830,
86.9014

79.5270, 79.2101,
92.9097

87.3506, 93.6159,
99.3447

89.9049, 97.4478,
104.1321

Harmonies

Analogous

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



39.3557, 26.0989, 107.4714



49.1078, 26.0989, 58.9492



51.5917, 26.0989, 22.0506

Triad

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



49.1078, 26.0989, 58.9492



22.4702, 26.0989, 0.8312



11.6274, 26.0989, 80.6447

Complementary

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



49.1078, 26.0989, 58.9492



35.6932, 65.7406, 21.6376

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.



9.3962, 26.0989, 35.9048



49.1078, 26.0989, 58.9492



14.3737, 26.0989, 2.4537

Square

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



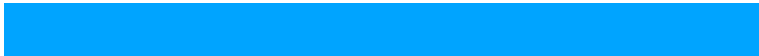
49.1078, 26.0989, 58.9492



33.9389, 26.0989, 1.3360



10.2310, 26.0989, 10.8132



17.4792, 26.0989, 125.1376

Rectangle

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



49.1078, 26.0989, 58.9492



48.2979, 26.0989, 9.2313



10.2310, 26.0989, 10.8132



10.5199, 26.0989, 64.2617

Sweetspot

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



49.1087, 26.1002, 58.9497



77.1643, 67.3401, 93.3457



22.0194, 11.5116, 85.8559



16.0212, 13.5239, 19.5046



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.



49.1087, 26.1002, 58.9497



52.4177, 26.0733, 59.7362



41.2210, 22.9451, 17.4136



17.0538, 16.7044, 20.0297



25.5167, 12.5501, 28.4927



2.2795, 1.1178, 2.6980

Inverse Universe

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



49.1087, 26.1002, 58.9497



52.4177, 26.0733, 59.7362



42.5544, 68.4851, 57.7680



17.0538, 16.7044, 20.0297



25.5167, 12.5501, 28.4927



2.2795, 1.1178, 2.6980

Previews

White Background



This preview shows how the XYZ color 49.1078, 26.0989, 58.9492 looks on a white background.

Color Contrast Check

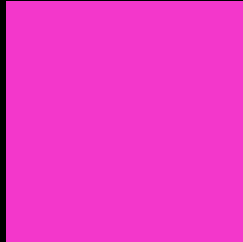
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1078, 26.0989, 58.9492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

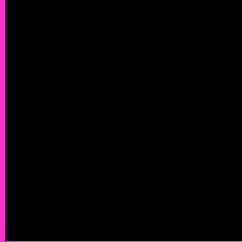
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 49.1078, 26.0989, 58.9492

Background



This preview shows how black text looks on a background with the XYZ color 49.1078, 26.0989, 58.9492.



This preview shows how white text looks on a background with the XYZ color 49.1078, 26.0989,

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

49.1078, 26.0989, 58.9492

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

26.9151, 26.2678, 53.5208



Tritanopia

39.6360, 25.8598, 14.4577

Trichromacy



Original Color

49.1078, 26.0989, 58.9492



Protanomaly

31.2132, 22.1470, 81.9866



Deuteranomaly

31.2627, 22.9261, 55.0020



Tritanomaly

42.1650, 25.3741, 25.9679

Monochromacy



Original Color

49.1078, 26.0989, 58.9492



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

27.1476, 20.2200, 33.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1078, 26.0989, 58.9492 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(243, 55, 203)` looks like.

```
.text, #text, p{  
    color:rgb(243, 55, 203)  
}
```

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(243, 55, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 55, 203) }
```

Border

The CSS property to change the border of an element to XYZ 49.1078, 26.0989, 58.9492 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(243, 55, 203) }
```


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

```
.border{ border-color:rgb(243, 55, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 55, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 55, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 55, 203);  
box-shadow:4px 4px 4px 4px rgb(243, 55,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1078, 26.0989, 58.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 55, 203) }
```

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

```
.background{ background-color: rgb(243, 55,  
203) }
```

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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