

Converting Colors

XYZ(49.2317, 26.1805, 59.4968)

Have a look what the booklet for
XYZ(49.2317, 26.1805, 59.4968)
contains.

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Color

**XYZ(49.2274, 26.1467,
59.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	F337CC
RGB	243, 55, 204
RGB Percent	95%, 22%, 80%
CMY	0.0471, 0.7843, 0.2000
CMYK	0.00, 0.77, 0.16, 0.05
HSL	312°, 89%, 58%
HSV	312°, 77%, 95%
XYZ	49.2274, 26.1467, 59.5790
YIQ	128.1980, 64.2190, 86.1950

Conversions

Conversions Part 2

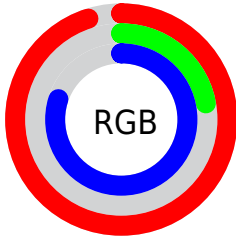
Format	Color
RYB	243, 55, 204
Decimal	15939532
CIELab	58.18, 81.81, -35.69
CIELCh	58, 89.261, 336.429
Yxy	26.1467, 0.3648, 0.1937
Android (android.graphics.Color)	4294129612 (0xFFFF337CC)
YUV	128.1980, 37.3704, 100.6814
Hunter-Lab	51.1338, 82.3607, -33.2885

Details

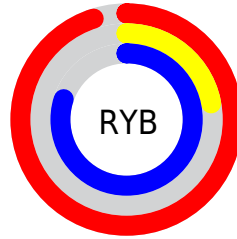
The XYZ color **49.2274, 26.1467, 59.5790** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **35.6480, 65.7226, 21.3995**, and the grayscale version is **20.4474, 21.5123, 23.4269**.

A 20% lighter version of the original color is **66.1274, 42.1547, 99.2591**, and **24.7162, 12.1150, 29.4695** is the 20% darker color. If you saturate the color by 10%, you get **47.7490, 24.1414, 56.1511**, and if you desaturate by 10%, it is **51.2948, 29.2975, 63.3002**.

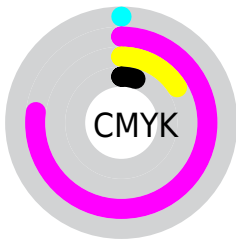
Distribution



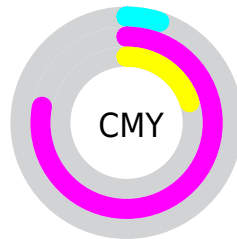
- Red (95%)
- Green (22%)
- Blue (80%)



- 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 49.2274, 26.1467, 59.5790 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 49.2274, 26.1467, 59.5790 by changing the saturation by 10% instead.


 49.2274, 26.1467,
59.5790

 49.2274, 26.1467,
59.5790


374.1390,
283.5015, 440.8057


 35.0152, 16.9334,
42.6563


 88.2278, 53.5115,
105.7561


 23.8411, 10.1870,
29.2861


 113.7467, 72.4318,
135.8476


 15.3399, 5.5231,
19.0500


 143.7652, 95.3566,
171.1658

 9.1462, 2.5574,
11.5292

 178.6486,
122.6703, 212.1291

 4.8945, 0.9053,
6.3053

 218.7623,
154.7572, 259.1563

 2.2196, 0.0000,
2.9598

264.4717,

 0.7530, 0.0000,

192.0018, 312.6657

1.0742

316.1422,
234.7884, 373.0760

■ 0.0000, 0.0000,
0.0000

■ 49.2274, 26.1467,
59.5790

■ 49.2274, 26.1467,
59.5790

■ 47.7490, 24.1414,
56.1511

■ 51.2948, 29.2975,
63.3002

■ 46.7604, 23.0854,
52.9819

■ 54.0220, 33.7369,
67.3386

■ 46.5421, 22.8867,
52.1757

■ 57.4727, 39.5914,
71.7165

■ 61.7022, 46.9712,
76.4532

■ 66.7602, 55.9756,
81.5661

72.6924, 66.6957,
87.0713

79.5410, 79.2154,
92.9837

87.3453, 93.6135,
99.3173

89.8794, 97.4376,
103.9975

Harmonies

Analogous

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



39.3740, 26.1467, 108.4077



49.2274, 26.1467, 59.5790



51.8038, 26.1467, 22.3028

Triad

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



49.2274, 26.1467, 59.5790



22.5932, 26.1467, 0.8113



11.5847, 26.1467, 80.5655

Complementary

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



49.2274, 26.1467, 59.5790



35.6480, 65.7226, 21.3995

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.



9.3757, 26.1467, 35.6790



49.2274, 26.1467, 59.5790



14.4275, 26.1467, 2.3993

Square

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



49.2274, 26.1467, 59.5790



34.1389, 26.1467, 1.3314



10.2393, 26.1467, 10.6659



17.4229, 26.1467, 125.5116

Rectangle

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



49.2274, 26.1467, 59.5790



48.5387, 26.1467, 9.3261



10.2393, 26.1467, 10.6659



10.4842, 26.1467, 64.0966

Sweetspot

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



49.2283, 26.1480, 59.5795



77.2113, 67.3589, 93.5935



22.0194, 11.5115, 85.8560



16.0328, 13.5285, 19.5654



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.



49.2283, 26.1480, 59.5795



52.5703, 26.1343, 60.5393



41.2210, 22.9451, 17.4135



17.0577, 16.7059, 20.0505



25.5944, 12.5812, 28.9022



2.2857, 1.1202, 2.7307

Inverse Universe

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



49.2283, 26.1480, 59.5795



52.5703, 26.1343, 60.5393



42.5543, 68.4851, 57.7680



17.0577, 16.7059, 20.0505



25.5944, 12.5812, 28.9022



2.2857, 1.1202, 2.7307

Previews

White Background



This preview shows how the XYZ color 49.2274, 26.1467, 59.5790 looks on a white background.

Color Contrast Check

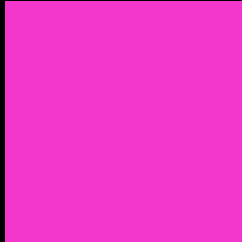
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2274, 26.1467, 59.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

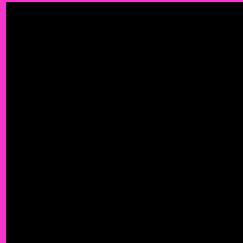
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 49.2274, 26.1467, 59.5790

Background



This preview shows how black text looks on a background with the XYZ color 49.2274, 26.1467, 59.5790.



This preview shows how white text looks on a background with the XYZ color 49.2274, 26.1467,

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

49.2274, 26.1467, 59.5790

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

26.8825, 26.2382, 54.0997



Tritanopia

39.7232, 26.0342, 14.4867

Trichromacy



Original Color

49.2274, 26.1467, 59.5790



Protanomaly

31.2132, 22.1470, 81.9866



Deuteranomaly

31.3770, 22.9718, 55.6036



Tritanomaly

42.2364, 25.4026, 26.3440

Monochromacy



Original Color

49.2274, 26.1467, 59.5790



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

27.2320, 20.2537, 33.9266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2274, 26.1467, 59.5790 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(243, 55, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 55, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.2274, 26.1467, 59.5790 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, 204) }
```


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

```
.border{ border-color:rgb(243, 55, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 55, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 55, 204);  
box-shadow:4px 4px 4px 4px rgb(243, 55,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2274, 26.1467, 59.5790 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, 204) }
```

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

```
.background{ background-color: rgb(243, 55,  
204) }
```

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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