

Converting Colors

XYZ(49.0666, 27.3397, 41.1362)

Have a look what the booklet for
XYZ(49.0666, 27.3397, 41.1362)
contains.

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Color

**XYZ(49.0826, 27.3459,
41.2194)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB42AB |
| RGB | 251, 66, 171 |
| RGB Percent | 98%, 26%, 67% |
| CMY | 0.0157, 0.7411, 0.3294 |
| CMYK | 0.00, 0.74, 0.32, 0.02 |
| HSL | 326°, 96%, 62% |
| HSV | 326°, 74%, 98% |
| XYZ | 49.0826, 27.3459, 41.2194 |
| YIQ | 133.2850, 76.5550, 71.8750 |

Conversions

Conversions Part 2

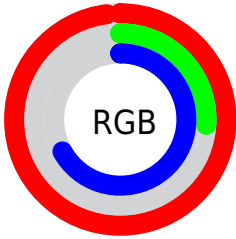
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 66, 171 |
| Decimal | 16466603 |
| CIE Lab | 59.29, 76.60, -14.86 |
| CIE LCh | 59, 78.033, 349.018 |
| Yxy | 27.3459, 0.4172, 0.2324 |
| Android (android.graphics.Color) | 4294656683 (0xFFFB42AB) |
| YUV | 133.2850, 18.5935, 103.2361 |
| Hunter-Lab | 52.2933, 76.0272, -10.1291 |

Details

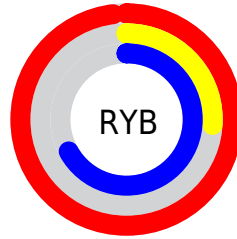
The XYZ color **49.0826, 27.3459, 41.2194** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **41.9340, 72.2289, 38.9303**, and the grayscale version is **22.3148, 23.4769, 25.5663**.

A 20% lighter version of the original color is **62.8177, 42.4515, 76.8346**, and **24.5650, 12.2791, 18.5281** is the 20% darker color. If you saturate the color by 10%, you get **46.9316, 24.6322, 35.6055**, and if you desaturate by 10%, it is **51.9630, 31.3820, 47.4961**.

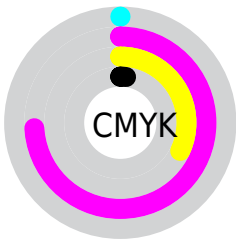
Distribution



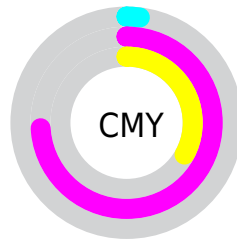
- Red (98%)
- Green (26%)
- Blue (67%)



- Red (98%)
- Yellow (26%)
- Blue (67%)



- Cyan (0%)
- Magenta (74%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (74%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0826, 27.3459, 41.2194 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 49.0826, 27.3459, 41.2194 by changing the saturation by 10% instead.


 49.0826, 27.3459,
41.2194


 49.0826, 27.3459,
41.2194


373.5790,
289.3280, 366.9405


 34.8998, 17.8332,
28.1696


 88.0141, 55.4384,
78.2741


 23.7519, 10.8303,
18.2134


 113.4935, 74.7870,
103.1161

 15.2734, 5.9528,
10.9323


 143.4692, 98.1830,
132.7259

 9.0990, 2.8164,
5.9077

 178.3065,
126.0108, 167.5220

 4.8635, 1.0367,
2.7212

 218.3708,
158.6548, 207.9229

 2.2013, 0.0000,
0.9541

264.0274,

 0.7434, 0.0000,

196.4995, 254.3473

0.0000

315.6417,
239.9290, 307.2137

■ 0.0000, 0.0000,
0.0000

■ 49.0826, 27.3459,
41.2194

■ 49.0826, 27.3459,
41.2194

■ 46.9316, 24.6322,
35.6055

■ 51.9630, 31.3820,
47.4961

■ 45.4144, 23.0536,
30.6119


■ 55.6469, 36.8862,
54.4694


■ 44.7004, 22.4759,
27.7523


■ 60.2016, 43.9899,
62.1712

■ 65.6862, 52.8082,
70.6304

■ 72.1544, 63.4457,
79.8736

 79.6557, 75.9987,
89.9259

 88.2362, 90.5565,
100.8109

 93.5938, 99.2493,
108.8319

Harmonies

Analogous

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



42.8694, 27.3459, 80.6942



49.0826, 27.3459, 41.2194



48.0509, 27.3459, 15.4814

Triad

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



49.0826, 27.3459, 41.2194



20.3481, 27.3459, 2.3956



15.5329, 27.3459, 91.4859

Complementary

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



49.0826, 27.3459, 41.2194



41.9340, 72.2289, 38.9303

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.



11.9904, 27.3459, 50.9235



49.0826, 27.3459, 41.2194



14.2516, 27.3459, 6.6192

Square

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



49.0826, 27.3459, 41.2194



29.7290, 27.3459, 2.0506



11.5889, 27.3459, 20.6731



22.5811, 27.3459, 119.7083

Rectangle

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



49.0826, 27.3459, 41.2194



43.4485, 27.3459, 7.1500



11.5889, 27.3459, 20.6731



13.9767, 27.3459, 77.9854

Sweetspot

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



49.0834, 27.3474, 41.2199



76.0274, 67.8156, 84.4909



30.7049, 16.7105, 92.8742



15.8508, 13.8143, 17.5022



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.



49.0834, 27.3474, 41.2199



47.8874, 24.6863, 34.5690



43.2340, 25.0076, 10.4171



17.6573, 17.3903, 20.0513



23.5708, 11.8440, 14.9800



2.2362, 1.1182, 1.6674

Inverse Universe

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



49.0834, 27.3474, 41.2199



47.8874, 24.6863, 34.5690



51.8249, 76.1853, 91.0146



17.6573, 17.3903, 20.0513



23.5708, 11.8440, 14.9800



2.2362, 1.1182, 1.6674

Previews

White Background



This preview shows how the XYZ color 49.0826, 27.3459, 41.2194 looks on a white background.

Color Contrast Check

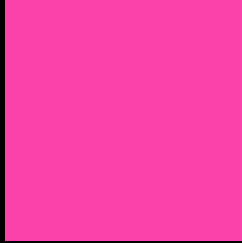
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0826, 27.3459, 41.2194 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 49.0826, 27.3459, 41.2194

Background



This preview shows how black text looks on a background with the XYZ color 49.0826, 27.3459, 41.2194.



This preview shows how white text looks on a background with the XYZ color 49.0826, 27.3459,

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

49.0826, 27.3459, 41.2194

Protanopia

29.5147, 27.5827, 74.2894

Deuteranopia

27.8784, 27.3343, 37.5249



Tritanopia

43.1663, 27.2001, 13.5647

Trichromacy



Original Color

49.0826, 27.3459, 41.2194



Protanomaly

32.0288, 24.0046, 60.7028



Deuteranomaly

32.5933, 24.6192, 38.6314



Tritanomaly

44.7393, 26.9166, 21.2498

Monochromacy



Original Color

49.0826, 27.3459, 41.2194



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

28.6396, 22.2740, 30.3936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0826, 27.3459, 41.2194 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(251, 66, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 66, 171)  
}
```

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(251, 66, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 66, 171) }
```

Border

The CSS property to change the border of an element to XYZ 49.0826, 27.3459, 41.2194 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(251, 66, 171) }
```


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

```
.border{ border-color:rgb(251, 66, 171) }
```

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

Here you see how a box with a 4 pixel rgb(251, 66, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 66, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 66, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 66,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0826, 27.3459, 41.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 66, 171) }
```

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

```
.background{ background-color: rgb(251, 66,  
171) }
```

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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