

Converting Colors

XYZ(69.4535, 59.3662, 92.1058)

Have a look what the booklet for
XYZ(69.4535, 59.3662, 92.1058)
contains.

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Color

**XYZ(69.4431, 59.3926,
91.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B8F2
RGB	241, 184, 242
RGB Percent	95%, 72%, 95%
CMY	0.0549, 0.2784, 0.0510
CMYK	0.00, 0.24, 0.00, 0.05
HSL	299°, 69%, 84%
HSV	299°, 24%, 95%
XYZ	69.4431, 59.3926, 91.8083
YIQ	207.6550, 15.3540, 30.1220

Conversions

Conversions Part 2

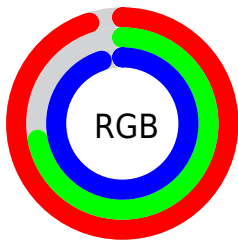
Format	Color
R _Y B	241, 184, 242
Decimal	15841522
CIE _{Lab}	81.51, 30.04, -20.83
CIE _{LCh}	82, 36.559, 325.266
Yxy	59.3926, 0.3147, 0.2692
Android (android.graphics.Color)	4294031602 (0xFFFF1B8F2)
YUV	207.6550, 16.9321, 29.2436
Hunter-Lab	77.0666, 25.9761, -16.6847

Details

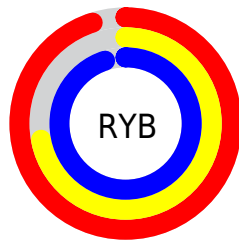
The XYZ color **69.4431, 59.3926, 91.8083** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4137, 77.2808, 57.0830**, and the grayscale version is **59.6195, 62.7244, 68.3068**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **36.6127, 29.7008, 50.2575** is the 20% darker color. If you saturate the color by 10%, you get **64.6981, 50.1128, 90.2681**, and if you desaturate by 10%, it is **75.0519, 70.3975, 93.6377**.

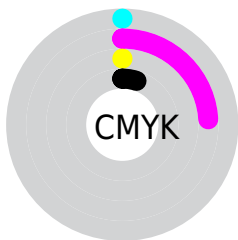
Distribution



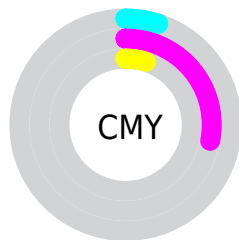
- Red (95%)
- Green (72%)
- Blue (95%)



- Red (95%)
- Yellow (72%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4431, 59.3926, 91.8083 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 69.4431, 59.3926, 91.8083 by changing the saturation by 10% instead.

69.4431, 59.3926,
91.8083

69.4431, 59.3926,
91.8083

447.8892,
422.3553, 554.6170

51.3506, 42.9292,
68.8993

117.4448,
103.9481, 151.8051

36.7099, 29.8296,
50.1584

148.0848,
132.8089, 189.7299

25.1556, 19.7093,
35.1672

183.6380,
166.5711, 233.4970

16.3224, 12.1839,
23.5071

224.4697,
205.6190, 283.5251

9.8448, 6.8690,
14.7596

270.9453,
250.3369, 340.2326

5.3577, 3.3803,
8.5061

323.4302,

2.4955, 1.3334,

301.1094, 404.0380

4.3281

382.2897,
358.3207, 475.3600

■ 0.8930, 0.1668,
1.8070

■ 0.0000, 0.0000,
0.4326

■ 69.4431, 59.3926,
91.8083

■ 69.4431, 59.3926,
91.8083

■ 64.6981, 50.1128,
90.2681

■ 75.0519, 70.3975,
93.6377

■ 60.7678, 42.4627,
88.9986

■ 81.5598, 83.2010,
95.7660

■ 57.6063, 36.3499,
87.9854

■ 88.4920, 96.8529,
98.0358

■ 55.1610, 31.6692,
87.2108

■ 88.6356, 96.9269,
98.0425

53.3731, 28.3025,
86.6552

88.7795, 97.0011,
98.0492

52.1738, 26.1127,
86.2957

88.9237, 97.0754,
98.0560

51.4796, 24.9327,
86.1045

89.0682, 97.1499,
98.0627

51.2298, 24.5585,
86.0455

89.2131, 97.2246,
98.0695

89.3583, 97.2995,
98.0763

Harmonies

Analogous

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



62.9747, 59.3926, 110.8171



69.4431, 59.3926, 91.8083



72.4414, 59.3926, 68.2135

Triad

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



69.4431, 59.3926, 91.8083



57.6755, 59.3926, 31.0770



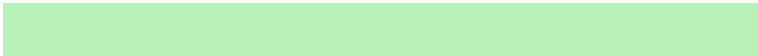
44.1493, 59.3926, 84.3985

Complementary

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



69.4431, 59.3926, 91.8083



60.4137, 77.2808, 57.0830

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.



43.0058, 59.3926, 61.2484



69.4431, 59.3926, 91.8083



50.3939, 59.3926, 33.5265

Square

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



69.4431, 59.3926, 91.8083



65.2673, 59.3926, 35.8243



45.1895, 59.3926, 43.4856



48.4665, 59.3926, 105.9049

Rectangle

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



69.4431, 59.3926, 91.8083



71.8883, 59.3926, 54.1842



45.1895, 59.3926, 43.4856



43.3986, 59.3926, 76.4247

Sweetspot

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



69.4449, 59.3952, 91.8096



89.5045, 89.0770, 107.0839



53.3417, 51.6939, 91.1718



19.0605, 18.8749, 22.8886



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.



69.4449, 59.3952, 91.8096



75.3566, 61.3071, 102.4695



66.0176, 58.0638, 71.9752



16.4258, 16.0167, 19.9474



27.5337, 13.1995, 46.2245



2.2991, 1.1025, 3.8458

Inverse Universe

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



62.5175, 56.6638, 53.5441



66.2512, 57.7189, 52.0812



63.2876, 78.4026, 73.4718



15.7839, 15.7633, 16.4181



19.6888, 10.1480, 1.0119



1.6418, 0.8458, 0.1045

Previews

White Background



This preview shows how the XYZ color 69.4431, 59.3926, 91.8083 looks on a white background.

Color Contrast Check

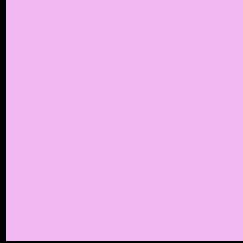
Large Text (above 18pt) WCAG AA × Fail

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 69.4431, 59.3926, 91.8083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

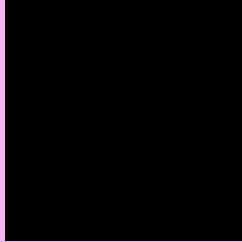
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4431, 59.3926, 91.8083

Background



This preview shows how black text looks on a background with the XYZ color 69.4431, 59.3926, 91.8083.



This preview shows how white text looks on a background with the XYZ color 69.4431, 59.3926,

91.8083.

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

69.4431, 59.3926, 91.8083

Protanopia

60.0112, 59.8762, 102.1603

Deuteranopia

60.9509, 59.5993, 89.9527



Tritanopia

64.3635, 59.5507, 66.4946

Trichromacy



Original Color

69.4431, 59.3926, 91.8083



Protanomaly

63.0649, 59.4877, 98.6009



Deuteranomaly

63.7116, 59.3366, 90.5332



Tritanomaly

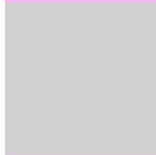
66.0293, 59.2581, 74.9757

Monochromacy



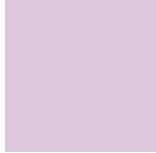
Original Color

69.4431, 59.3926, 91.8083



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

62.8569, 61.2298, 76.2158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4431, 59.3926, 91.8083 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(241, 184, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 184, 242)  
}
```

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(241, 184, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 184, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.4431, 59.3926, 91.8083 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(241, 184, 242) }
```


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

```
.border{ border-color:rgb(241, 184, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 184, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 184, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 184, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 184,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4431, 59.3926, 91.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 184, 242) }
```

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

```
.background{ background-color: rgb(241,  
184, 242) }
```

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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