

Converting Colors

XYZ(69.8708, 59.0978, 91.3081)

Have a look what the booklet for
XYZ(69.8708, 59.0978, 91.3081)
contains.

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Color

**XYZ(69.9134, 59.0399,
90.9301)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B6F1
RGB	244, 182, 241
RGB Percent	96%, 71%, 95%
CMY	0.0431, 0.2863, 0.0549
CMYK	0.00, 0.25, 0.01, 0.04
HSL	303°, 74%, 84%
HSV	303°, 25%, 96%
XYZ	69.9134, 59.0399, 90.9301
YIQ	207.2640, 18.0130, 31.4930

Conversions

Conversions Part 2

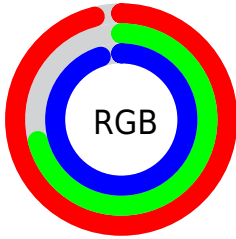
Format	Color
R_{YB}	244, 182, 241
Decimal	16037617
CIE _{Lab}	81.31, 31.89, -20.56
CIE _{LCh}	81, 37.945, 327.192
Yxy	59.0399, 0.3180, 0.2685
Android (android.graphics.Color)	4294227697 (0xFFFF4B6F1)
YUV	207.2640, 16.6318, 32.2175
Hunter-Lab	76.8374, 27.9494, -16.3781

Details

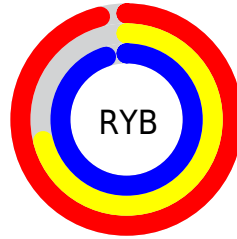
The XYZ color **69.9134, 59.0399, 90.9301** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4015, 78.1511, 57.8035**, and the grayscale version is **59.3679, 62.4597, 68.0186**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **36.9696, 29.5059, 49.6456** is the 20% darker color. If you saturate the color by 10%, you get **65.1699, 49.8333, 88.4820**, and if you desaturate by 10%, it is **75.5323, 69.9933, 93.6769**.

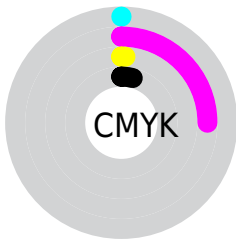
Distribution



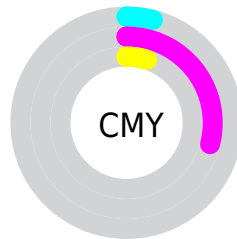
- Red (96%)
- Green (71%)
- Blue (95%)



- Red (96%)
- Yellow (71%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9134, 59.0399, 90.9301 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 69.9134, 59.0399, 90.9301 by changing the saturation by 10% instead.

69.9134, 59.0399,
90.9301

69.9134, 59.0399,
90.9301

449.5170,
421.0498, 551.6998

51.7353, 42.6452,
68.1743

118.1122,
103.4357, 150.5765

37.0175, 29.6069,
49.5720

148.8636,
132.2055, 188.3041

25.3948, 19.5404,
34.7046

184.5368,
165.8693, 231.8594

16.5017, 12.0614,
23.1537

225.4971,
204.8113, 281.6608

9.9730, 6.7855,
14.5007

272.1099,
249.4159, 338.1271

5.4432, 3.3283,
8.3270

324.7406,

2.5470, 1.3054,

300.0676, 401.6766

4.2141

383.7545,
357.1508, 472.7280

■ 0.9190, 0.1454,
1.7435

■ 0.0000, 0.0000,
0.3903

■ 69.9134, 59.0399,
90.9301

■ 69.9134, 59.0399,
90.9301

■ 65.1699, 49.8333,
88.4820

■ 75.5323, 69.9933,
93.6769

■ 61.2512, 42.2754,
86.3139

■ 82.0629, 82.7696,
96.7326

■ 58.1098, 36.2704,
84.4104

■ 89.4807, 97.3181,
100.0897

■ 55.6913, 31.7093,
82.7536

■ 89.6611, 97.3903,
101.0401

■ 53.9342, 28.4693,
81.3228

■ 89.8427, 97.4630,
101.9965

■ 52.7669, 26.4070,
80.0942

■ 90.0255, 97.5361,
102.9590

■ 52.1009, 25.3455,
79.0383

■ 90.2095, 97.6097,
103.9275

■ 51.9016, 25.0705,
78.5908

■ 90.3945, 97.6837,
104.9022

■ 90.5808, 97.7582,
105.8830

Harmonies

Analogous

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



63.3666, 59.0399, 111.4062



69.9134, 59.0399, 90.9301



72.7422, 59.0399, 66.4448

Triad

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



69.9134, 59.0399, 90.9301



56.8650, 59.0399, 29.8211



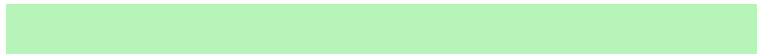
43.6304, 59.0399, 86.3460

Complementary

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



69.9134, 59.0399, 90.9301



60.4015, 78.1511, 57.8035

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.



42.2378, 59.0399, 62.1713



69.9134, 59.0399, 90.9301



49.4401, 59.0399, 32.7705

Square

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



69.9134, 59.0399, 90.9301



64.7782, 59.0399, 34.1530



44.2643, 59.0399, 43.4302



48.2620, 59.0399, 108.3518

Rectangle

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



69.9134, 59.0399, 90.9301



71.9578, 59.0399, 52.2355



44.2643, 59.0399, 43.4302



42.7881, 59.0399, 78.0568

Sweetspot

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



69.9152, 59.0425, 90.9314



88.7254, 87.6044, 106.0096



52.8429, 50.1892, 92.4916



18.7525, 18.2843, 22.5795



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.



69.9152, 59.0425, 90.9314



74.7196, 60.2839, 99.2107



65.7879, 57.3915, 69.1969



17.1769, 16.7536, 20.6784



28.2360, 13.6378, 42.8127



2.4922, 1.2028, 3.8181

Inverse Universe

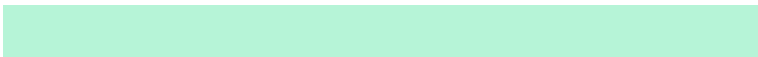
The Inverse Universe completely reimagines the original color for something new.



69.9152, 59.0425, 90.9314



74.7196, 60.2839, 99.2107



63.9186, 79.5580, 76.3246



17.1769, 16.7536, 20.6784



28.2360, 13.6378, 42.8127



2.4922, 1.2028, 3.8181

Previews

White Background



This preview shows how the XYZ color 69.9134, 59.0399, 90.9301 looks on a white background.

Color Contrast Check

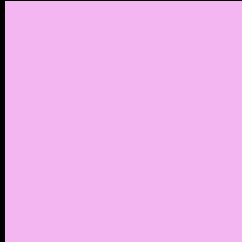
Large Text (above 18pt) WCAG AA × Fail

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 69.9134, 59.0399, 90.9301 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 69.9134, 59.0399, 90.9301

Background



This preview shows how black text looks on a background with the XYZ color 69.9134, 59.0399, 90.9301.



This preview shows how white text looks on a background with the XYZ color 69.9134, 59.0399,

90.9301.

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

69.9134, 59.0399, 90.9301

Protanopia

59.5299, 59.2831, 102.0712

Deuteranopia

60.8035, 59.5403, 89.1767



Tritanopia

64.6933, 59.1055, 65.1255

Trichromacy



Original Color

69.9134, 59.0399, 90.9301



Protanomaly

62.4633, 58.5348, 97.6287



Deuteranomaly

63.6430, 58.9913, 89.6935



Tritanomaly

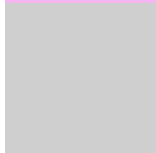
66.3589, 58.8283, 73.5032

Monochromacy



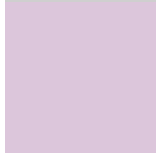
Original Color

69.9134, 59.0399, 90.9301



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.4955, 60.7183, 75.4438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9134, 59.0399, 90.9301 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(244, 182, 241)` looks like.

```
.text, #text, p{  
    color:rgb(244, 182, 241)  
}
```

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(244, 182, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 182, 241) }
```

Border

The CSS property to change the border of an element to XYZ 69.9134, 59.0399, 90.9301 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(244, 182, 241) }
```


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

```
.border{ border-color:rgb(244, 182, 241) }
```

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

Here you see how a box with a 4 pixel rgb(244, 182, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 182, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 182, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 182,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9134, 59.0399, 90.9301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 182, 241) }
```

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

```
.background{ background-color: rgb(244,  
182, 241) }
```

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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