

Converting Colors

XYZ(72.2266, 58.6103, 97.5131)

Have a look what the booklet for
XYZ(72.2266, 58.6103, 97.5131)
contains.

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Color

**XYZ(72.2454, 58.6078,
97.1272)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB1F9
RGB	250, 177, 249
RGB Percent	98%, 69%, 98%
CMY	0.0196, 0.3059, 0.0235
CMYK	0.00, 0.29, 0.00, 0.02
HSL	301°, 88%, 84%
HSV	301°, 29%, 98%
XYZ	72.2454, 58.6078, 97.1272
YIQ	207.0350, 20.3960, 37.8680

Conversions

Conversions Part 2

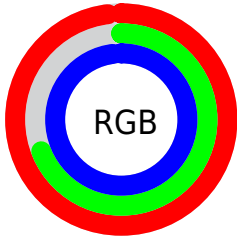
Format	Color
R _Y B	250, 177, 249
Decimal	16429561
CIE Lab	81.08, 37.88, -25.15
CIE LCh	81, 45.473, 326.414
Yxy	58.6078, 0.3169, 0.2571
Android (android.graphics.Color)	4294619641 (0xFF FAB1F9)
YUV	207.0350, 20.6887, 37.6803
Hunter-Lab	76.5557, 34.4774, -21.6329

Details

The XYZ color **72.2454, 58.6078, 97.1272** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.3554, 80.9347, 54.5637**, and the grayscale version is **59.1941, 62.2768, 67.8194**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **38.5897, 29.3091, 53.4925** is the 20% darker color. If you saturate the color by 10%, you get **67.6997, 49.6008, 95.3491**, and if you desaturate by 10%, it is **77.6994, 69.4291, 99.2099**.

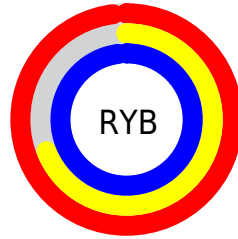
Distribution



Red (98%)

Green (69%)

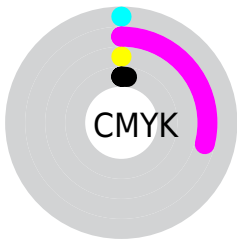
Blue (98%)



Red (98%)

Yellow (69%)

Blue (98%)

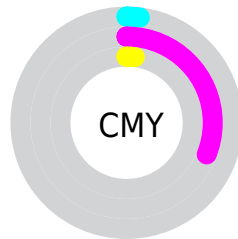


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2454, 58.6078, 97.1272 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 72.2454, 58.6078, 97.1272 by changing the saturation by 10% instead.

 72.2454, 58.6078,
97.1272

 72.2454, 58.6078,
97.1272


457.5397,
419.4469, 572.1102

 53.6453, 42.2975,
73.3001


 121.4143,
102.8074, 159.2209

 38.5477, 29.3343,
53.7280


152.7138,
131.4655, 198.3246

 26.5872, 19.3339,
37.9926


188.9772,
165.0083, 243.3576

 17.3984, 11.9118,
25.6751

230.5698,
203.8203, 294.7383

 10.6160, 6.6836,
16.3572

277.8570,
248.2857, 352.8854

 5.8747, 3.2650,
9.6202

331.2042,

 2.8089, 1.2716,

298.7890, 418.2174

5.0456

390.9766,
355.7146, 491.1528

■ 1.0535, 0.1191,
2.2148

■ 0.0000, 0.0000,
0.6829

■ 72.2454, 58.6078,
97.1272

■ 72.2454, 58.6078,
97.1272

■ 67.6997, 49.6008,
95.3491

■ 77.6994, 69.4291,
99.2099

■ 64.0073, 42.3013,
93.8552

■ 84.1019, 82.1481,
101.6085

■ 61.1159, 36.6037,
92.6288

■ 91.4972, 96.8529,
104.3386

■ 58.9651, 32.3871,
91.6498

■ 92.4987, 98.7698,
104.9379

57.4861, 29.5139,
90.8951

92.5526, 98.7914,
105.2219

56.5970, 27.8204,
90.3376

92.6067, 98.8130,
105.5063

56.1738, 27.0587,
89.9359

92.6608, 98.8346,
105.7913

56.1478, 27.0135,
89.9064

92.7150, 98.8563,
106.0767

92.7693, 98.8780,
106.3627

Harmonies

Analogous

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



64.1810, 58.6078, 122.6502



72.2454, 58.6078, 97.1272



75.8677, 58.6078, 67.1224

Triad

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



72.2454, 58.6078, 97.1272



56.8485, 58.6078, 24.7070



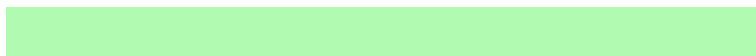
40.9715, 58.6078, 89.8614

Complementary

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



72.2454, 58.6078, 97.1272



60.3554, 80.9347, 54.5637

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.



39.4742, 58.6078, 60.6160



72.2454, 58.6078, 97.1272



48.0100, 58.6078, 27.6469

Square

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



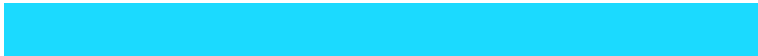
72.2454, 58.6078, 97.1272



66.3675, 58.6078, 29.5515



41.9039, 58.6078, 39.1492



46.2503, 58.6078, 117.6901

Rectangle

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



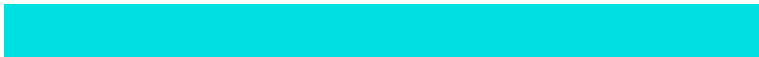
72.2454, 58.6078, 97.1272



75.0052, 58.6078, 50.2157



41.9039, 58.6078, 39.1492



40.0369, 58.6078, 79.6690

Sweetspot

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



72.2472, 58.6104, 97.1284



88.1101, 86.2011, 106.3370



51.1115, 47.6964, 96.9564



18.6362, 18.0074, 22.6775



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.



72.2472, 58.6104, 97.1284



72.6844, 55.5831, 100.4760



67.2225, 56.6005, 70.6684



17.9822, 17.5202, 21.7620



29.7869, 14.3305, 47.7134



2.7620, 1.3285, 4.4360

Inverse Universe

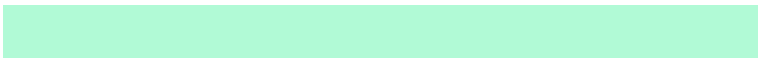
The Inverse Universe completely reimagines the original color for something new.



72.2472, 58.6104, 97.1284



72.6844, 55.5831, 100.4760



64.3932, 82.5498, 75.8263



17.9822, 17.5202, 21.7620



29.7869, 14.3305, 47.7134



2.7620, 1.3285, 4.4360

Previews

White Background



This preview shows how the XYZ color 72.2454, 58.6078, 97.1272 looks on a white background.

Color Contrast Check

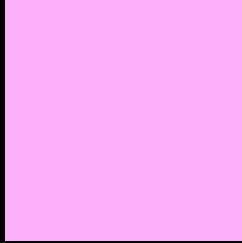
Large Text (above 18pt) WCAG AA × Fail

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 72.2454, 58.6078, 97.1272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

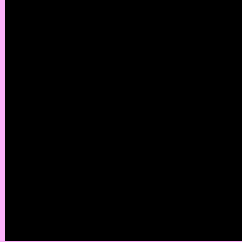
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2454, 58.6078, 97.1272

Background



This preview shows how black text looks on a background with the XYZ color 72.2454, 58.6078, 97.1272.



This preview shows how white text looks on a background with the XYZ color 72.2454, 58.6078,

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

72.2454, 58.6078, 97.1272

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.2671, 58.8044, 94.5602



Tritanopia

65.0637, 58.3895, 63.0994

Trichromacy



Original Color

72.2454, 58.6078, 97.1272



Protanomaly

63.1576, 58.4928, 100.8900



Deuteranomaly

63.9615, 58.3862, 95.0873



Tritanomaly

67.5944, 58.5218, 74.0629

Monochromacy



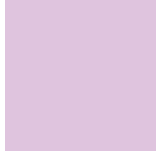
Original Color

72.2454, 58.6078, 97.1272



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.3562, 60.4418, 77.4344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2454, 58.6078, 97.1272 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(250, 177, 249)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 249)  
}
```

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(250, 177, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 249) }
```

Border

The CSS property to change the border of an element to XYZ 72.2454, 58.6078, 97.1272 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(250, 177, 249) }
```


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

```
.border{ border-color:rgb(250, 177, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2454, 58.6078, 97.1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 249) }
```

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

```
.background{ background-color: rgb(250,  
177, 249) }
```

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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