

Converting Colors

XYZ(75.7607, 60.5034, 89.2777)

Have a look what the booklet for
XYZ(75.7607, 60.5034, 89.2777)
contains.

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Color

**XYZ(72.5421, 58.9363,
89.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1EF
RGB	255, 177, 239
RGB Percent	100%, 69%, 94%
CMY	0.0000, 0.3059, 0.0627
CMYK	0.00, 0.31, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 31%, 100%
XYZ	72.5421, 58.9363, 89.2138
YIQ	207.3900, 26.5860, 35.8180

Conversions

Conversions Part 2

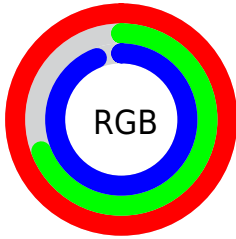
Format	Color
R _Y B	255, 177, 239
Decimal	16757231
CIE Lab	81.26, 37.73, -19.47
CIE LCh	81, 42.451, 332.707
Yxy	58.9363, 0.3287, 0.2671
Android (android.graphics.Color)	4294947311 (0xFFFFB1EF)
YUV	207.3900, 15.5837, 41.7540
Hunter-Lab	76.7700, 34.3222, -15.1615

Details

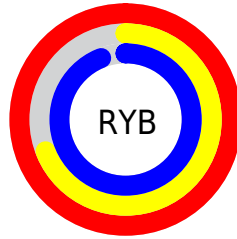
The XYZ color **72.5421, 58.9363, 89.2138** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.5190, 84.7183, 63.4594**, and the grayscale version is **59.4516, 62.5477, 68.1144**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **38.6562, 29.4551, 48.4478** is the 20% darker color. If you saturate the color by 10%, you get **67.2065, 49.4838, 83.6781**, and if you desaturate by 10%, it is **78.8438, 70.2847, 95.1834**.

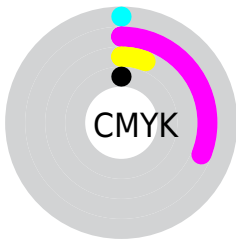
Distribution



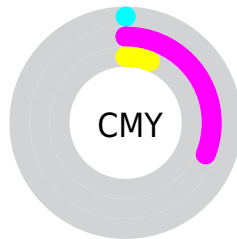
- Red (100%)
- Green (69%)
- Blue (94%)



- Red (100%)
- Yellow (69%)
- Blue (94%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5421, 58.9363, 89.2138 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 72.5421, 58.9363, 89.2138 by changing the saturation by 10% instead.


 72.5421, 58.9363,
89.2138

 72.5421, 58.9363,
89.2138


458.5547,
420.6658, 545.9740

 53.8887, 42.5618,
66.7587


 121.8336,
103.2851, 148.1718

 38.7430, 29.5415,
48.4282

153.2023,
132.0282, 185.5118

 26.7397, 19.4908,
33.8037


189.5403,
165.6630, 228.6506

 17.5134, 12.0255,
22.4667

231.2127,
204.5738, 278.0066

 10.6988, 6.7610,
13.9986

278.5850,
249.1451, 333.9984

 5.9304, 3.3131,
7.9810

332.0225,

 2.8431, 1.2973,

299.7613, 397.0445

3.9952

391.8906,
356.8067, 467.5635

■ 1.0713, 0.1391,
1.6227

■ 0.0009, 0.0000,
0.3069

■ 72.5421, 58.9363,
89.2138

■ 72.5421, 58.9363,
89.2138

■ 67.2065, 49.4838,
83.6781

■ 78.8438, 70.2847,
95.1834

■ 62.7802, 41.8147,
78.5541

■ 86.1562, 83.6186,
101.6005

■ 59.2068, 35.8161,
73.8230

94.5259, 99.0308,
108.4821

■ 56.4216, 31.3590,
69.4621

95.0500, 100.0000,
108.9000

■ 54.3504, 28.2955,
65.4459

■ 52.9047, 26.4487,
61.7439

■ 51.9828, 25.5571,
58.5007

Harmonies

Analogous

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



65.7250, 58.9363, 114.5371



72.5421, 58.9363, 89.2138



74.7932, 58.9363, 61.8969

Triad

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



72.5421, 58.9363, 89.2138



55.2172, 58.9363, 26.7620



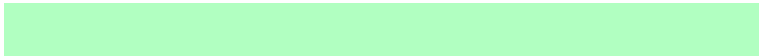
42.8833, 58.9363, 94.2735

Complementary

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



72.5421, 58.9363, 89.2138



63.5190, 84.7183, 63.4594

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.



40.6800, 58.9363, 66.5014



72.5421, 58.9363, 89.2138



47.3157, 58.9363, 31.2777

Square

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



72.5421, 58.9363, 89.2138



64.1883, 58.9363, 29.8735



42.2142, 58.9363, 44.3178



48.5708, 58.9363, 117.9580

Rectangle

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



72.5421, 58.9363, 89.2138



73.2279, 58.9363, 47.1365



42.2142, 58.9363, 44.3178



41.7395, 58.9363, 84.8839

Sweetspot

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



72.5435, 58.9387, 89.2150



87.4119, 85.9219, 102.6604



55.6650, 49.9522, 101.3156



18.4629, 17.9381, 21.7653



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.



72.5435, 58.9387, 89.2150



69.0127, 52.6631, 85.6151



67.4360, 56.8957, 62.3193



18.6236, 18.2328, 21.9011



27.2178, 13.3764, 30.8612



2.6885, 1.3178, 3.2069

Inverse Universe

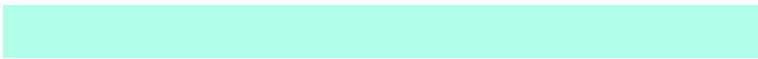
The Inverse Universe completely reimagines the original color for something new.



72.5435, 58.9387, 89.2150



69.0127, 52.6631, 85.6151



68.4018, 86.6714, 89.1718



18.6236, 18.2328, 21.9011



27.2178, 13.3764, 30.8612



2.6885, 1.3178, 3.2069

Previews

White Background



This preview shows how the XYZ color 72.5421, 58.9363, 89.2138 looks on a white background.

Color Contrast Check

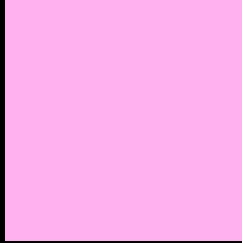
Large Text (above 18pt) WCAG AA × Fail

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 72.5421, 58.9363, 89.2138 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 72.5421, 58.9363, 89.2138

Background



This preview shows how black text looks on a background with the XYZ color 72.5421, 58.9363, 89.2138.



This preview shows how white text looks on a background with the XYZ color 72.5421, 58.9363,

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

72.5421, 58.9363, 89.2138

Protanopia

59.6905, 59.3474, 102.9169

Deuteranopia

60.4152, 59.0525, 86.8113



Tritanopia

67.0821, 59.1454, 61.9134

Trichromacy



Original Color

72.5421, 58.9363, 89.2138



Protanomaly

63.3891, 58.6850, 97.6089



Deuteranomaly

64.2942, 58.7303, 87.3043



Tritanomaly

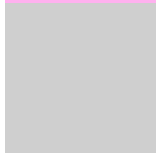
69.0104, 59.0064, 71.3705

Monochromacy



Original Color

72.5421, 58.9363, 89.2138



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.2666, 60.4416, 75.3497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5421, 58.9363, 89.2138 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(255, 177, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 239)  
}
```

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(255, 177, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.5421, 58.9363, 89.2138 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(255, 177, 239) }
```


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

```
.border{ border-color:rgb(255, 177, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5421, 58.9363, 89.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 239) }
```

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

```
.background{ background-color: rgb(255,  
177, 239) }
```

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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