

Converting Colors

XYZ(72.8148, 59.5220, 89.1802)

Have a look what the booklet for
XYZ(72.8148, 59.5220, 89.1802)
contains.

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Color

**XYZ(72.9401, 59.7322,
89.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3EF
RGB	255, 179, 239
RGB Percent	100%, 70%, 94%
CMY	0.0000, 0.2980, 0.0627
CMYK	0.00, 0.30, 0.06, 0.00
HSL	313°, 100%, 85%
HSV	313°, 30%, 100%
XYZ	72.9401, 59.7322, 89.3465
YIQ	208.5640, 26.0360, 34.7720

Conversions

Conversions Part 2

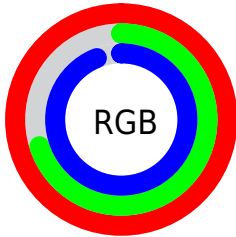
Format	Color
R _Y B	255, 179, 239
Decimal	16757743
CIE Lab	81.69, 36.68, -18.81
CIE LCh	82, 41.221, 332.855
Yxy	59.7322, 0.3285, 0.2690
Android (android.graphics.Color)	4294947823 (0xFFFFB3EF)
YUV	208.5640, 15.0049, 40.7244
Hunter-Lab	77.2866, 33.2098, -14.4411

Details

The XYZ color **72.9401, 59.7322, 89.3465** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.2026, 85.0448, 64.6640**, and the grayscale version is **60.2154, 63.3512, 68.9895**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **38.9068, 29.9564, 48.5313** is the 20% darker color. If you saturate the color by 10%, you get **67.5128, 50.1278, 83.6828**, and if you desaturate by 10%, it is **79.3386, 71.2407, 95.4517**.

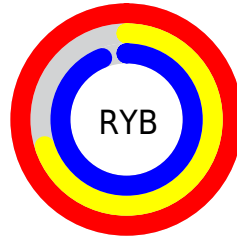
Distribution



Red (100%)

Green (70%)

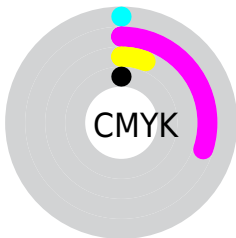
Blue (94%)



Red (100%)

Yellow (70%)

Blue (94%)

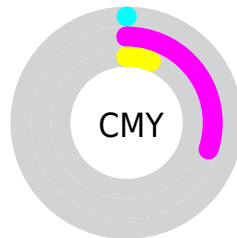


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9401, 59.7322, 89.3465 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 72.9401, 59.7322, 89.3465 by changing the saturation by 10% instead.


 72.9401, 59.7322,
89.3465

 72.9401, 59.7322,
89.3465

459.9142,
423.6100, 546.4179

 54.2152, 43.2028,
66.8681

 122.3958,
104.4411, 148.3579

 39.0051, 30.0443,
48.5165


153.8572,
133.3894, 185.7280

 26.9444, 19.8722,
33.8732

190.2949,
167.2461, 228.8990

 17.6679, 12.3022,
22.5196

232.0742,
206.3957, 278.2896

 10.8100, 6.9498,
14.0373

279.5604,
251.2224, 334.3182

 6.0056, 3.4307,
8.0075

333.1189,

 2.8892, 1.3605,

302.1108, 397.4035

4.0119

393.1150,
359.4452, 467.9638

■ 1.0954, 0.1874,
1.6319

■ 0.0213, 0.0000,
0.3134

■ 72.9401, 59.7322,
89.3465

■ 72.9401, 59.7322,
89.3465

■ 67.5128, 50.1278,
83.6828

■ 79.3386, 71.2407,
95.4517

■ 63.0002, 42.3160,
78.4386

■ 86.7527, 84.7426,
102.0119

■ 59.3465, 36.1846,
73.5948

95.0500, 100.0000,
108.9000

■ 56.4874, 31.6058,
69.1291

■ 54.3498, 28.4336,
65.0161

■ 52.8464, 26.4938,
61.2257

■ 51.8378, 25.5079,
57.7103

■ 51.8198, 25.4919,
57.6423

Harmonies

Analogous

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



66.3079, 59.7322, 113.9616



72.9401, 59.7322, 89.3465



75.1070, 59.7322, 62.6884

Triad

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



72.9401, 59.7322, 89.3465



55.9471, 59.7322, 28.0546



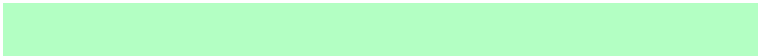
43.8879, 59.7322, 94.5352

Complementary

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



72.9401, 59.7322, 89.3465



64.2026, 85.0448, 64.6640

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.



41.6965, 59.7322, 67.4460



72.9401, 59.7322, 89.3465



48.2001, 59.7322, 32.6074

Square

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



72.9401, 59.7322, 89.3465



64.7253, 59.7322, 31.1292



43.1920, 59.7322, 45.5948



49.5015, 59.7322, 117.4539

Rectangle

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



72.9401, 59.7322, 89.3465



73.5651, 59.7322, 48.1989



43.1920, 59.7322, 45.5948



42.7540, 59.7322, 85.4034

Sweetspot

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



72.9414, 59.7346, 89.3477



87.3924, 85.9141, 102.5580



56.4720, 50.9590, 101.4674



18.4581, 17.9362, 21.7399



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.



72.9414, 59.7346, 89.3477



69.4657, 53.5626, 85.7858



67.9988, 57.7576, 63.3200



18.6192, 18.2310, 21.8780



27.1336, 13.3427, 30.4177



2.6810, 1.3148, 3.1674

Inverse Universe

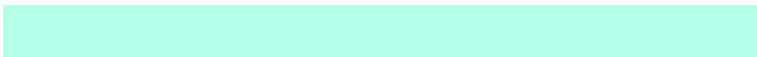
The Inverse Universe completely reimagines the original color for something new.



72.9414, 59.7346, 89.3477



69.4657, 53.5626, 85.7858



68.9459, 86.9421, 89.6419



18.6192, 18.2310, 21.8780



27.1336, 13.3427, 30.4177



2.6810, 1.3148, 3.1674

Previews

White Background



This preview shows how the XYZ color 72.9401, 59.7322, 89.3465 looks on a white background.

Color Contrast Check

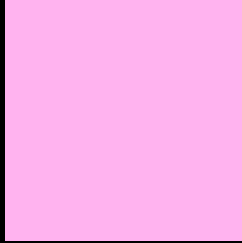
Large Text (above 18pt) WCAG AA × Fail

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 72.9401, 59.7322, 89.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

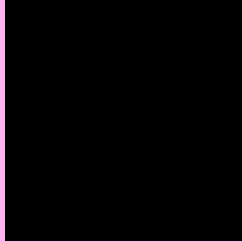
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9401, 59.7322, 89.3465

Background



This preview shows how black text looks on a background with the XYZ color 72.9401, 59.7322, 89.3465.



This preview shows how white text looks on a background with the XYZ color 72.9401, 59.7322,

89.3465.

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

72.9401, 59.7322, 89.3465

Protanopia

60.2619, 60.0054, 102.1720

Deuteranopia

61.2019, 59.7962, 86.9134



Tritanopia

67.4086, 59.6119, 62.5970

Trichromacy



Original Color

72.9401, 59.7322, 89.3465



Protanomaly

63.9004, 59.2756, 97.6960



Deuteranomaly

64.8225, 59.3253, 87.3913



Tritanomaly

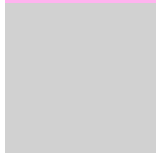
69.2160, 59.4175, 71.4390

Monochromacy



Original Color

72.9401, 59.7322, 89.3465



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.4764, 61.7242, 76.2258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9401, 59.7322, 89.3465 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, 179, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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, 179, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.9401, 59.7322, 89.3465 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, 179, 239) }
```


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

```
.border{ border-color:rgb(255, 179, 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, 179, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9401, 59.7322, 89.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 239) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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