

Converting Colors

XYZ(72.1257, 64.9169, 92.1514)

Have a look what the booklet for
XYZ(72.1257, 64.9169, 92.1514)
contains.

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Color

**XYZ(72.1191, 64.9842,
91.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C5F1
RGB	241, 197, 241
RGB Percent	95%, 77%, 95%
CMY	0.0549, 0.2274, 0.0549
CMYK	0.00, 0.18, 0.00, 0.05
HSL	300°, 61%, 86%
HSV	300°, 18%, 95%
XYZ	72.1191, 64.9842, 91.9612
YIQ	215.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

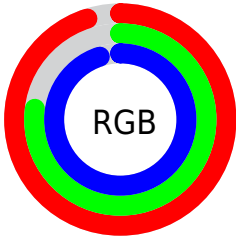
Format	Color
R _Y B	241, 197, 241
Decimal	15844849
CIE Lab	84.48, 22.96, -15.82
CIE LCh	84, 27.881, 325.438
Yxy	64.9842, 0.3148, 0.2837
Android (android.graphics.Color)	4294034929 (0xFFFF1C5F1)
YUV	215.1720, 12.7332, 22.6512
Hunter-Lab	80.6128, 18.6202, -11.2077

Details

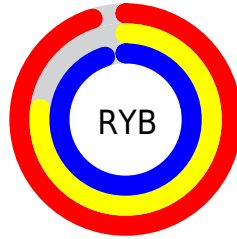
The XYZ color **72.1191, 64.9842, 91.9612** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.5619, 78.8141, 64.6368**, and the grayscale version is **64.6202, 67.9855, 74.0362**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **38.5870, 33.4620, 50.3240** is the 20% darker color. If you saturate the color by 10%, you get **67.0789, 54.9029, 90.2817**, and if you desaturate by 10%, it is **78.0380, 76.8208, 93.9351**.

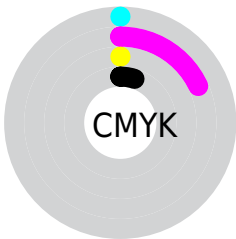
Distribution



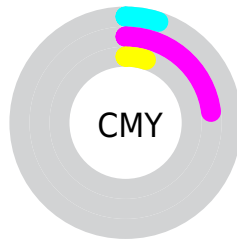
- Red (95%)
- Green (77%)
- Blue (95%)



- Red (95%)
- Yellow (77%)
- Blue (95%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1191, 64.9842, 91.9612 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 72.1191, 64.9842, 91.9612 by changing the saturation by 10% instead.

72.1191, 64.9842,
91.9612

72.1191, 64.9842,
91.9612

457.1072,
442.7352, 555.1240

53.5418, 47.4483,
69.0256

121.2357,
112.0271, 152.0188

38.4647, 33.3902,
50.2606

152.5058,
142.3029, 189.9779

26.5224, 22.4255,
35.2479

188.7374,
177.5942, 233.7819

17.3496, 14.1699,
23.5688

230.2960,
218.2852, 283.8493

10.5809, 8.2389,
14.8048

277.5469,
264.7604, 340.5987

5.8510, 4.2482,
8.5374

330.8555,

2.7945, 1.8134,

317.4042, 404.4485

4.3481

390.5872,
376.6010, 475.8175

■ 1.0460, 0.4955,
1.8182

■ 0.0000, 0.0000,
0.4399

■ 72.1191, 64.9842,
91.9612

■ 72.1191, 64.9842,
91.9612

■ 67.0789, 54.9029,
90.2817

■ 78.0380, 76.8208,
93.9351

■ 62.8701, 46.4853,
88.8786

■ 84.8683, 90.4815,
96.2120

■ 59.4498, 39.6446,
87.7383

■ 87.9137, 96.5720,
97.2273

■ 56.7688, 34.2828,
86.8445

■ 87.9137, 96.5721,
97.2275

54.7727, 30.2906,
86.1790

87.9137, 96.5721,
97.2277

53.3995, 27.5442,
85.7211

87.9138, 96.5721,
97.2278

52.5758, 25.8969,
85.4463

87.9138, 96.5721,
97.2280

52.1989, 25.1432,
85.3205

87.9138, 96.5721,
97.2282

52.1533, 25.0519,
85.3053

87.9139, 96.5721,
97.2284

Harmonies

Analogous

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



67.0323, 64.9842, 106.3094



72.1191, 64.9842, 91.9612



74.4361, 64.9842, 73.5092

Triad

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



72.1191, 64.9842, 91.9612



62.7193, 64.9842, 41.8729



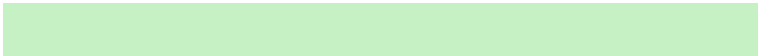
51.6072, 64.9842, 86.4687

Complementary

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



72.1191, 64.9842, 91.9612



64.5619, 78.8141, 64.6368

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.



50.6212, 64.9842, 68.0739



72.1191, 64.9842, 91.9612



56.7821, 64.9842, 44.1720

Square

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



72.1191, 64.9842, 91.9612



68.7830, 64.9842, 46.1869



52.4536, 64.9842, 53.0914



55.2424, 64.9842, 102.7843

Rectangle

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



72.1191, 64.9842, 91.9612



73.9923, 64.9842, 62.0468



52.4536, 64.9842, 53.0914



50.9658, 64.9842, 80.2459

Sweetspot

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



72.1211, 64.9870, 91.9626



91.1166, 92.1332, 107.5888



58.8723, 58.1571, 91.3429



19.3889, 19.4928, 22.9905



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.



72.1211, 64.9870, 91.9626



79.6903, 69.2808, 103.7797



69.0303, 63.7507, 75.6871



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2585



2.3527, 1.1301, 3.8483

Inverse Universe

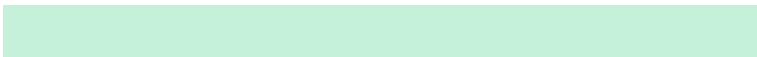
The Inverse Universe completely reimagines the original color for something new.



72.1211, 64.9870, 91.9626



79.6903, 69.2808, 103.7797



67.2698, 79.8973, 78.8965



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2585



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 72.1191, 64.9842, 91.9612 looks on a white background.

Color Contrast Check

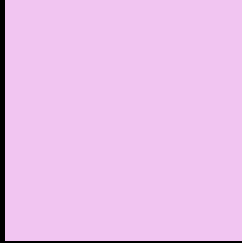
Large Text (above 18pt) WCAG AA × Fail

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 72.1191, 64.9842, 91.9612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

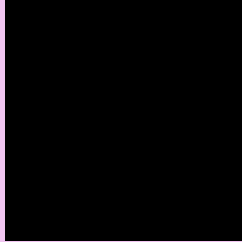
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1191, 64.9842, 91.9612

Background



This preview shows how black text looks on a background with the XYZ color 72.1191, 64.9842, 91.9612.



This preview shows how white text looks on a background with the XYZ color 72.1191, 64.9842,

91.9612.

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

72.1191, 64.9842, 91.9612

Protanopia

64.5279, 65.1370, 98.7942

Deuteranopia

66.5647, 65.2800, 90.7533



Tritanopia

68.6709, 64.9602, 74.5649

Trichromacy



Original Color

72.1191, 64.9842, 91.9612

Protanomaly

67.0811, 65.0682, 96.2126

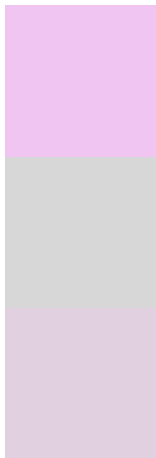
Deuteranomaly

68.4481, 65.1719, 91.4099

Tritanomaly

69.9783, 65.1503, 80.8385

Monochromacy



Original Color

72.1191, 64.9842, 91.9612

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.7509, 66.3409, 79.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1191, 64.9842, 91.9612 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, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 197, 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(241, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 197, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.1191, 64.9842, 91.9612 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, 197, 241) }
```


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

```
.border{ border-color:rgb(241, 197, 241) }
```

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

Here you see how a box with a 4 pixel rgb(241, 197, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 197,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1191, 64.9842, 91.9612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 197, 241) }
```

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

```
.background{ background-color: rgb(241,  
197, 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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