

Converting Colors

XYZ(72.3951, 67.5411, 92.4402)

Have a look what the booklet for
XYZ(72.3951, 67.5411, 92.4402)
contains.

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Color

**XYZ(72.3951, 67.5411,
92.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCCF1
RGB	237, 204, 241
RGB Percent	93%, 80%, 95%
CMY	0.0706, 0.2000, 0.0549
CMYK	0.02, 0.15, 0.00, 0.05
HSL	294°, 57%, 87%
HSV	294°, 15%, 95%
XYZ	72.3951, 67.5411, 92.4402
YIQ	218.0850, 7.7910, 18.5030

Conversions

Conversions Part 2

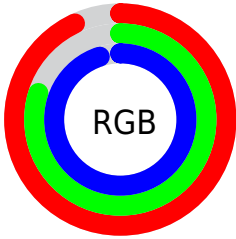
Format	Color
R _Y B	237, 204, 241
Decimal	15584497
CIE Lab	85.78, 17.93, -13.90
CIE LCh	86, 22.691, 322.219
Yxy	67.5411, 0.3115, 0.2907
Android (android.graphics.Color)	4293774577 (0xFFEDCCF1)
YUV	218.0850, 11.2971, 16.5885
Hunter-Lab	82.1834, 13.4192, -9.1612

Details

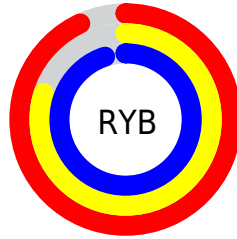
The XYZ color **72.3951, 67.5411, 92.4402** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3692, 80.6819, 69.0998**, and the grayscale version is **66.6217, 70.0912, 76.3293**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7194, 35.1392, 50.6408** is the 20% darker color. If you saturate the color by 10%, you get **66.2414, 56.5148, 90.6372**, and if you desaturate by 10%, it is **79.4517, 80.3524, 94.5421**.

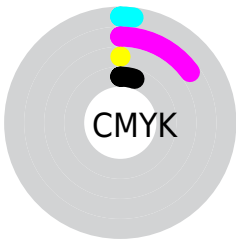
Distribution



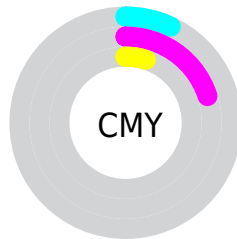
- Red (93%)
- Green (80%)
- Blue (95%)



- Red (93%)
- Yellow (80%)
- Blue (95%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3951, 67.5411, 92.4402 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 72.3951, 67.5411, 92.4402 by changing the saturation by 10% instead.

72.3951, 67.5411,
92.4402

72.3951, 67.5411,
92.4402

458.0520,
451.8684, 556.7108

53.7681, 49.5245,
69.4212

121.6259,
115.6954, 152.6883

38.6462, 35.0357,
50.5810

152.9603,
146.6019, 190.7546

26.6641, 23.6904,
35.5008

189.2614,
182.5738, 234.6737

17.4564, 15.1041,
23.7623

230.8943,
223.9955, 284.8642

10.6577, 8.8925,
14.9468

278.2244,
271.2514, 341.7446

5.9028, 4.6711,
8.6359

331.6172,

2.8261, 2.0556,

324.7260, 405.7335

4.4109

391.4379,
384.8035, 477.2494

■ 1.0625, 0.6395,
1.8534

■ 0.0000, 0.0000,
0.4628

■ 72.3951, 67.5411,
92.4402

■ 72.3951, 67.5411,
92.4402

■ 66.2414, 56.5148,
90.6372

■ 79.4517, 80.3524,
94.5421

■ 60.9440, 47.1833,
89.1153

■ 87.4433, 95.0158,
96.9512

■ 56.4610, 39.4621,
87.8612

■ 89.2301, 97.2507,
97.2884

■ 52.7446, 33.2556,
86.8591

■ 90.1447, 97.7222,
97.3312

■ 49.7420, 28.4582,
86.0914

■ 91.0721, 98.2003,
97.3746

■ 47.3935, 24.9508,
85.5382

■ 92.0124, 98.6850,
97.4186

■ 45.6298, 22.5944,
85.1763

■ 92.8774, 99.1310,
97.4591

■ 44.3651, 21.2180,
84.9773

■ 43.8861, 20.7900,
84.9199

Harmonies

Analogous

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



68.0368, 67.5411, 103.2390



72.3951, 67.5411, 92.4402



74.5800, 67.5411, 77.4714

Triad

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



72.3951, 67.5411, 92.4402



65.5540, 67.5411, 48.7414



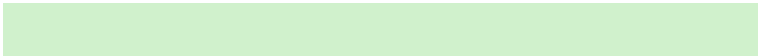
55.4085, 67.5411, 84.8648

Complementary

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



72.3951, 67.5411, 92.4402



68.3692, 80.6819, 69.0998

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.



54.8232, 67.5411, 69.7454



72.3951, 67.5411, 92.4402



60.5021, 67.5411, 50.1657

Square

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



72.3951, 67.5411, 92.4402



70.4941, 67.5411, 53.2188



56.6402, 67.5411, 57.4107



58.2843, 67.5411, 98.4716

Rectangle

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



72.3951, 67.5411, 92.4402



74.4320, 67.5411, 67.6666



56.6402, 67.5411, 57.4107



54.9439, 67.5411, 79.7454

Sweetspot

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



72.3971, 67.5440, 92.4417



90.6113, 91.8727, 107.5652



63.4150, 64.4578, 92.3194



19.2657, 19.4292, 22.9848



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.



72.3971, 67.5440, 92.4417



80.3129, 73.2010, 104.5040



71.7104, 67.4253, 81.7773



16.2761, 15.9396, 19.9404



23.8684, 11.3100, 46.0529



2.0334, 0.9655, 3.8334

Inverse Universe

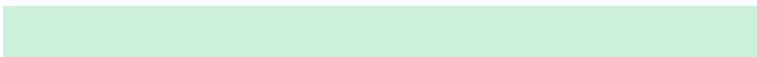
The Inverse Universe completely reimagines the original color for something new.



69.2560, 66.4436, 68.8524



76.2106, 71.7682, 73.4959



69.0384, 80.8212, 78.4195



15.8423, 15.7866, 16.7255



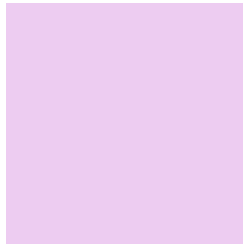
19.7964, 10.1910, 1.5785



1.6697, 0.8569, 0.2516

Previews

White Background



This preview shows how the XYZ color 72.3951, 67.5411, 92.4402 looks on a white background.

Color Contrast Check

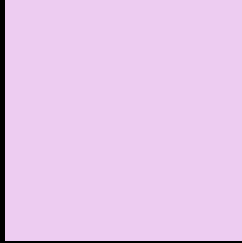
Large Text (above 18pt) WCAG AA × Fail

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 72.3951, 67.5411, 92.4402 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 72.3951, 67.5411, 92.4402

Background



This preview shows how black text looks on a background with the XYZ color 72.3951, 67.5411, 92.4402.



This preview shows how white text looks on a background with the XYZ color 72.3951, 67.5411,

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

72.3951, 67.5411, 92.4402

Protanopia

66.8772, 67.8592, 97.5690

Deuteranopia

69.2691, 67.7395, 91.8622



Tritanopia

69.5638, 67.4458, 79.1640

Trichromacy



Original Color

72.3951, 67.5411, 92.4402

Protanomaly

68.7414, 67.7458, 95.8394

Deuteranomaly

70.3541, 67.5749, 91.7733

Tritanomaly

70.6152, 67.5180, 84.1734

Monochromacy



Original Color

72.3951, 67.5411, 92.4402

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.5731, 69.0870, 81.6724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3951, 67.5411, 92.4402 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(237, 204, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 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(237, 204, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.3951, 67.5411, 92.4402 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(237, 204, 241) }
```


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

```
.border{ border-color:rgb(237, 204, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 204, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3951, 67.5411, 92.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 241) }
```

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

```
.background{ background-color: rgb(237,  
204, 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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