

Converting Colors

XYZ(73.6949, 68.9041, 93.4201)

Have a look what the booklet for
XYZ(73.6949, 68.9041, 93.4201)
contains.

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Color

**XYZ(73.6949, 68.9041,
93.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCEF2
RGB	239, 206, 242
RGB Percent	94%, 81%, 95%
CMY	0.0627, 0.1921, 0.0510
CMYK	0.01, 0.15, 0.00, 0.05
HSL	295°, 58%, 88%
HSV	295°, 15%, 95%
XYZ	73.6949, 68.9041, 93.4201
YIQ	219.9710, 8.1120, 18.1920

Conversions

Conversions Part 2

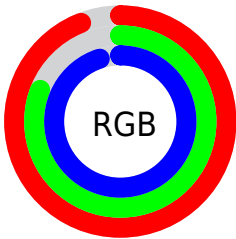
Format	Color
R_{YB}	239, 206, 242
Decimal	15716082
CIE _{Lab}	86.46, 17.72, -13.40
CIE _{LCh}	86, 22.213, 322.910
Yxy	68.9041, 0.3122, 0.2919
Android (android.graphics.Color)	4293906162 (0xFFEFCEF2)
YUV	219.9710, 10.8603, 16.6884
Hunter-Lab	83.0085, 13.2073, -8.6207

Details

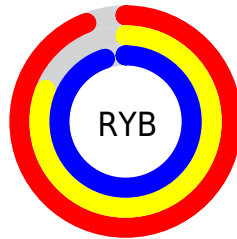
The XYZ color **73.6949, 68.9041, 93.4201** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.1897, 81.5176, 70.4837**, and the grayscale version is **67.9317, 71.4694, 77.8302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6196, 36.0689, 51.3282** is the 20% darker color. If you saturate the color by 10%, you get **67.6353, 57.7890, 91.5951**, and if you desaturate by 10%, it is **80.6631, 81.8229, 95.5474**.

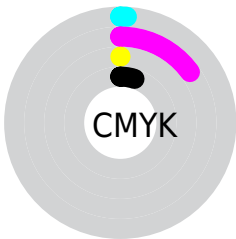
Distribution



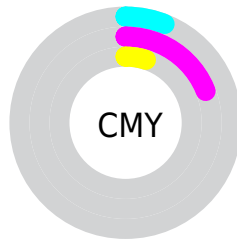
- Red (94%)
- Green (81%)
- Blue (95%)



- Red (94%)
- Yellow (81%)
- Blue (95%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6949, 68.9041, 93.4201 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 73.6949, 68.9041, 93.4201 by changing the saturation by 10% instead.

73.6949, 68.9041,
93.4201

73.6949, 68.9041,
93.4201

462.4863,
456.6927, 559.9492

54.8348, 50.6336,
70.2311

123.4610,
117.6446, 154.0568

39.5028, 35.9171,
51.2370

155.0977,
148.8834, 192.3417

27.3335, 24.3702,
36.0192

191.7240,
185.2137, 236.4955

17.9618, 15.6084,
24.1592

233.7052,
227.0200, 286.9370

11.0221, 9.2475,
15.2385

281.4067,
274.6867, 344.0845

6.1491, 4.9030,
8.8385

335.1938,

2.9775, 2.1904,

328.5981, 408.3567

4.5406

395.4319,
389.1386, 480.1721

■ 1.1419, 0.7148,
1.9264

■ 0.0597, 0.0000,
0.5094

■ 73.6949, 68.9041,
93.4201

■ 73.6949, 68.9041,
93.4201

■ 67.6353, 57.7890,
91.5951

■ 80.6631, 81.8229,
95.5474

■ 62.4373, 48.3868,
90.0542

■ 88.5721, 96.6131,
97.9854

■ 58.0587, 40.6125,
88.7844

■ 89.4615, 97.3527,
98.0813

■ 54.4517, 34.3700,
87.7696

■ 90.1691, 97.7175,
98.1144

51.5630, 29.5532,
86.9921

90.8845, 98.0863,
98.1479

49.3330, 26.0424,
86.4320

91.6076, 98.4590,
98.1817

47.6919, 23.6986,
86.0661

92.3384, 98.8358,
98.2159

46.5544, 22.3508,
85.8659

93.0272, 99.1909,
98.2481

46.1007, 21.9143,
85.8056

Harmonies

Analogous

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



69.4142, 68.9041, 104.2308



73.6949, 68.9041, 93.4201



75.7957, 68.9041, 78.5725

Triad

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



73.6949, 68.9041, 93.4201



66.7186, 68.9041, 50.2978



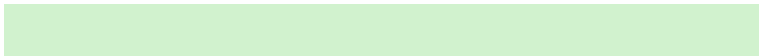
56.8037, 68.9041, 86.5908

Complementary

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



73.6949, 68.9041, 93.4201



69.1897, 81.5176, 70.4837

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.



56.1658, 68.9041, 71.5856



73.6949, 68.9041, 93.4201



61.7190, 68.9041, 51.8581

Square

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



73.6949, 68.9041, 93.4201



71.6336, 68.9041, 54.6371



57.9202, 68.9041, 59.2183



59.7105, 68.9041, 99.9418

Rectangle

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



73.6949, 68.9041, 93.4201



75.6038, 68.9041, 68.8774



57.9202, 68.9041, 59.2183



56.3233, 68.9041, 81.5276

Sweetspot

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



73.6970, 68.9071, 93.4216



91.5699, 93.5030, 107.8294



64.4315, 65.4318, 93.2391



19.4638, 19.7601, 23.0382



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.



73.6970, 68.9071, 93.4216



80.7217, 73.4118, 104.5231



72.6395, 68.6021, 82.5231



16.3167, 15.9605, 19.9423



24.8222, 11.8017, 46.0976



2.1030, 1.0014, 3.8367

Inverse Universe

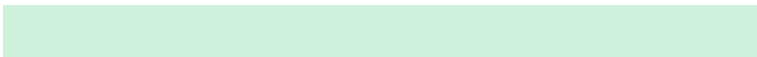
The Inverse Universe completely reimagines the original color for something new.



70.2002, 67.6264, 69.6781



76.0657, 71.7103, 72.7333



70.1794, 81.8164, 80.0841



15.8263, 15.7802, 16.6413



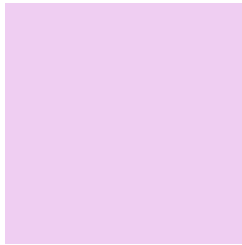
19.7599, 10.1764, 1.3860



1.6621, 0.8539, 0.2115

Previews

White Background



This preview shows how the XYZ color 73.6949, 68.9041, 93.4201 looks on a white background.

Color Contrast Check

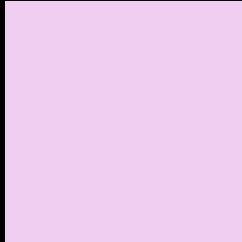
Large Text (above 18pt) WCAG AA × Fail

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 73.6949, 68.9041, 93.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

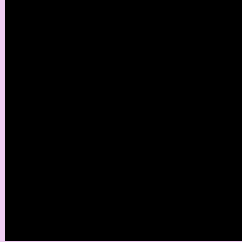
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6949, 68.9041, 93.4201

Background



This preview shows how black text looks on a background with the XYZ color 73.6949, 68.9041, 93.4201.



This preview shows how white text looks on a background with the XYZ color 73.6949, 68.9041,

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

73.6949, 68.9041, 93.4201

Protanopia

68.1077, 69.2271, 98.5794

Deuteranopia

70.5355, 69.1082, 92.8407



Tritanopia

71.3161, 69.0417, 80.8018

Trichromacy



Original Color

73.6949, 68.9041, 93.4201

Protanomaly

69.9968, 69.1129, 96.8397

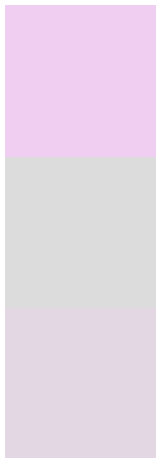
Deuteranomaly

71.6326, 68.9407, 92.7505

Tritanomaly

72.2396, 69.0584, 85.1235

Monochromacy



Original Color

73.6949, 68.9041, 93.4201

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.9826, 70.5332, 83.3246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6949, 68.9041, 93.4201 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(239, 206, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 206, 242)  
}
```

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(239, 206, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 206, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.6949, 68.9041, 93.4201 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(239, 206, 242) }
```


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

```
.border{ border-color:rgb(239, 206, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 206, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 206, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 206, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 206,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6949, 68.9041, 93.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 206, 242) }
```

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

```
.background{ background-color: rgb(239,  
206, 242) }
```

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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