

Converting Colors

XYZ(71.2822, 63.5031, 89.3231)

Have a look what the booklet for
XYZ(71.2822, 63.5031, 89.3231)
contains.

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Color

**XYZ(71.3424, 63.6339,
89.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C2EE
RGB	242, 194, 238
RGB Percent	95%, 76%, 93%
CMY	0.0510, 0.2392, 0.0667
CMYK	0.00, 0.20, 0.02, 0.05
HSL	305°, 65%, 85%
HSV	305°, 20%, 95%
XYZ	71.3424, 63.6339, 89.4113
YIQ	213.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

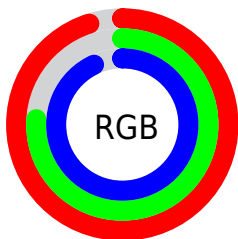
Format	Color
R _Y B	242, 194, 238
Decimal	15909614
CIE Lab	83.77, 24.34, -15.26
CIE LCh	84, 28.727, 327.910
Yxy	63.6339, 0.3179, 0.2836
Android (android.graphics.Color)	4294099694 (0xFFFF2C2EE)
YUV	213.3680, 12.1436, 25.1103
Hunter-Lab	79.7709, 20.0410, -10.6157

Details

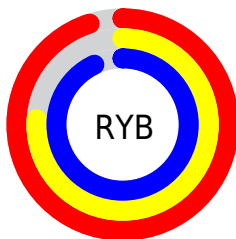
The XYZ color **71.3424, 63.6339, 89.4113** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.1959, 79.0528, 65.3049**, and the grayscale version is **63.4082, 66.7104, 72.6476**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.8292, 32.4479, 48.5252** is the 20% darker color. If you saturate the color by 10%, you get **66.0948, 53.6093, 86.2088**, and if you desaturate by 10%, it is **77.4742, 75.4194, 92.9264**.

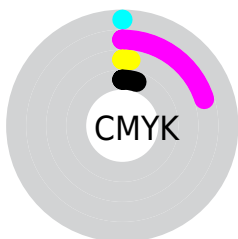
Distribution



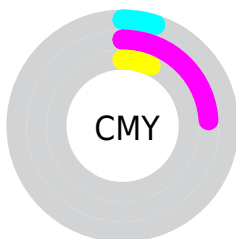
- Red (95%)
- Green (76%)
- Blue (93%)



- Red (95%)
- Yellow (76%)
- Blue (93%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3424, 63.6339, 89.4113 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 71.3424, 63.6339, 89.4113 by changing the saturation by 10% instead.


 71.3424, 63.6339,
89.4113

 71.3424, 63.6339,
89.4113


454.4427,
437.8664, 546.6346

 52.9052, 46.3542,
66.9215


 120.1370,
110.0835, 148.4488

 37.9543, 32.5254,
48.5597

151.2251,
140.0223, 185.8335

 26.1243, 21.7631,
33.9072


187.2609,
174.9495, 229.0204

 17.0498, 13.6830,
22.5455

228.6098,
215.2495, 278.4278

 10.3655, 7.9005,
14.0561

275.6370,
261.3069, 334.4744

 5.7061, 4.0313,
8.0205

328.7080,

 2.7062, 1.6911,

313.5059, 397.5787

4.0201

388.1881,
372.2309, 468.1593

■ 1.0003, 0.4179,
1.6364

■ 0.0000, 0.0000,
0.3166

■ 71.3424, 63.6339,
89.4113

■ 71.3424, 63.6339,
89.4113

■ 66.0948, 53.6093,
86.2088

■ 77.4742, 75.4194,
92.9264

■ 61.6832, 45.2524,
83.3006

■ 84.5239, 89.0366,
96.7631

■ 58.0636, 38.4743,
80.6726

■ 88.7156, 96.9324,
99.6637

■ 55.1857, 33.1742,
78.3081

■ 89.0237, 97.0556,
101.2863

52.9933, 29.2400,
76.1883

89.3352, 97.1802,
102.9266

51.4222, 26.5433,
74.2917

89.6501, 97.3062,
104.5846

50.3962, 24.9314,
72.5929

89.9684, 97.4335,
106.2605

49.7895, 24.1530,
71.0498

90.2900, 97.5621,
107.9543

49.7806, 24.1424,
71.0246

90.4285, 97.6175,
108.6837

Harmonies

Analogous

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



66.3345, 63.6339, 104.7093



71.3424, 63.6339, 89.4113



73.4206, 63.6339, 70.5604

Triad

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



71.3424, 63.6339, 89.4113



60.9253, 63.6339, 40.0654



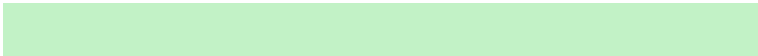
50.3915, 63.6339, 86.8369

Complementary

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



71.3424, 63.6339, 89.4113



64.1959, 79.0528, 65.3049

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.



49.1606, 63.6339, 68.0280



71.3424, 63.6339, 89.4113



54.9845, 63.6339, 42.9167

Square

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



71.3424, 63.6339, 89.4113



67.1522, 63.6339, 43.8433



50.7840, 63.6339, 52.4336



54.2690, 63.6339, 103.0507

Rectangle

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



71.3424, 63.6339, 89.4113



72.7634, 63.6339, 59.1511



50.7840, 63.6339, 52.4336



49.6668, 63.6339, 80.5181

Sweetspot

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



71.3443, 63.6367, 89.4127



90.1572, 90.5418, 106.2595



58.6103, 57.0034, 91.9194



19.1883, 19.1692, 22.6841



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.



71.3443, 63.6367, 89.4127



77.7268, 66.6504, 99.1276



68.0496, 62.3188, 72.0631



16.3941, 16.0074, 19.6316



26.7671, 12.9792, 38.2854



2.2434, 1.0864, 3.2727

Inverse Universe

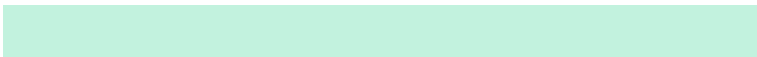
The Inverse Universe completely reimagines the original color for something new.



71.3443, 63.6367, 89.4127



77.7268, 66.6504, 99.1276



67.1874, 80.2494, 81.0581



16.3941, 16.0074, 19.6316



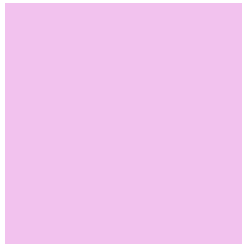
26.7671, 12.9792, 38.2854



2.2434, 1.0864, 3.2727

Previews

White Background



This preview shows how the XYZ color 71.3424, 63.6339, 89.4113 looks on a white background.

Color Contrast Check

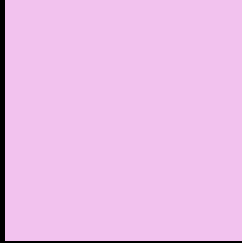
Large Text (above 18pt) WCAG AA × Fail

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 71.3424, 63.6339, 89.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

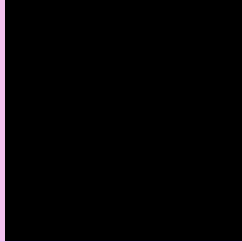
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3424, 63.6339, 89.4113

Background



This preview shows how black text looks on a background with the XYZ color 71.3424, 63.6339, 89.4113.



This preview shows how white text looks on a background with the XYZ color 71.3424, 63.6339,

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

71.3424, 63.6339, 89.4113

Protanopia

63.1887, 63.7586, 96.9719

Deuteranopia

65.3485, 63.9936, 88.2646



Tritanopia

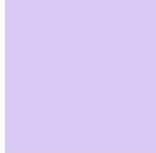
67.9283, 63.5939, 72.3130

Trichromacy



Original Color

71.3424, 63.6339, 89.4113



Protanomaly

65.7686, 63.3716, 94.3535



Deuteranomaly

67.3044, 63.5917, 88.8479



Tritanomaly

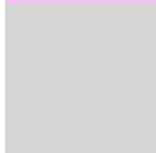
69.2207, 63.7855, 78.4755

Monochromacy



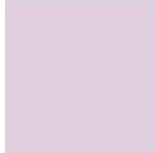
Original Color

71.3424, 63.6339, 89.4113



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

65.9966, 65.2638, 78.2260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3424, 63.6339, 89.4113 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(242, 194, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 238)  
}
```

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(242, 194, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.3424, 63.6339, 89.4113 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(242, 194, 238) }
```


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

```
.border{ border-color:rgb(242, 194, 238) }
```

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

Here you see how a box with a 4 pixel rgb(242, 194, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3424, 63.6339, 89.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 238) }
```

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

```
.background{ background-color: rgb(242,  
194, 238) }
```

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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