

Converting Colors

XYZ(71.4094, 65.3363, 89.9426)

Have a look what the booklet for
XYZ(71.4094, 65.3363, 89.9426)
contains.

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Color

**XYZ(71.4526, 65.3706,
89.7407)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC7EE
RGB	239, 199, 238
RGB Percent	94%, 78%, 93%
CMY	0.0627, 0.2196, 0.0667
CMYK	0.00, 0.17, 0.00, 0.06
HSL	302°, 56%, 86%
HSV	302°, 17%, 94%
XYZ	71.4526, 65.3706, 89.7407
YIQ	215.4060, 11.3210, 20.6090

Conversions

Conversions Part 2

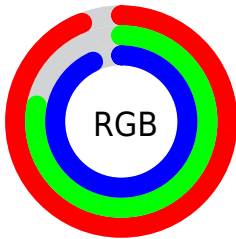
Format	Color
R _Y B	239, 199, 238
Decimal	15714286
CIE Lab	84.67, 20.69, -13.94
CIE LCh	85, 24.952, 326.035
Yxy	65.3706, 0.3154, 0.2885
Android (android.graphics.Color)	4293904366 (0xFFEFC7EE)
YUV	215.4060, 11.1388, 20.6919
Hunter-Lab	80.8521, 16.2573, -9.2117

Details

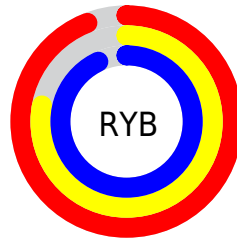
The XYZ color **71.4526, 65.3706, 89.7407** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8475, 78.0471, 66.2938**, and the grayscale version is **64.7895, 68.1636, 74.2302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0973, 33.6955, 48.7519** is the 20% darker color. If you saturate the color by 10%, you get **66.2927, 55.1900, 87.5889**, and if you desaturate by 10%, it is **77.4803, 77.2842, 92.1847**.

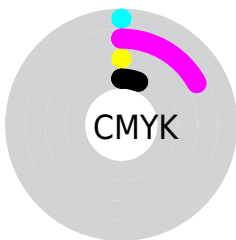
Distribution



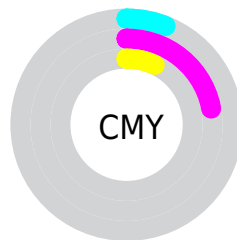
- Red (94%)
- Green (78%)
- Blue (93%)



- Red (94%)
- Yellow (78%)
- Blue (93%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4526, 65.3706, 89.7407 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 71.4526, 65.3706, 89.7407 by changing the saturation by 10% instead.


 71.4526, 65.3706,
89.7407

 71.4526, 65.3706,
89.7407


454.8213,
444.1225, 547.7353

 52.9955, 47.7616,
67.1931


120.2930,
112.5825, 148.9105

 38.0266, 33.6382,
48.7790


151.4069,
142.9542, 186.3698

 26.1807, 22.6158,
34.0798


187.4706,
178.3490, 229.6368

 17.0922, 14.3101,
22.6771

228.8493,
219.1513, 279.1300

 10.3960, 8.3366,
14.1522

275.9083,
265.7453, 335.2679

 5.7266, 4.3111,
8.0866

329.0131,

 2.7186, 1.8491,

318.5156, 398.4690

4.0619

388.5290,
377.8466, 469.1520

■ 1.0068, 0.5175,
1.6593

■ 0.0000, 0.0000,
0.3326

■ 71.4526, 65.3706,
89.7407

■ 71.4526, 65.3706,
89.7407

■ 66.2927, 55.1900,
87.5889

■ 77.4803, 77.2842,
92.1847

■ 61.9544, 46.6534,
85.7117


■ 84.4075, 90.9974,
94.9292


■ 58.3965, 39.6769,
84.0960


■ 87.0547, 96.1500,
96.2485


■ 55.5715, 34.1657,
82.7261

■ 87.1436, 96.1856,
96.7165


 53.4268, 30.0149,
81.5844

 87.2327, 96.2212,
97.1860


 51.9032, 27.1055,
80.6511


 87.3222, 96.2570,
97.6570


 50.9307, 25.2982,
79.9030

 87.4119, 96.2929,
98.1296

 50.4212, 24.4161,
79.3106

 87.5020, 96.3289,
98.6037

 50.3085, 24.2356,
79.1354

 87.5923, 96.3651,
99.0794

Harmonies

Analogous

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



66.9568, 65.3706, 102.4737



71.4526, 65.3706, 89.7407



73.4501, 65.3706, 73.3213

Triad

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



71.4526, 65.3706, 89.7407



62.8769, 65.3706, 44.7372



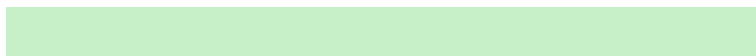
52.9915, 65.3706, 85.5180

Complementary

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



71.4526, 65.3706, 89.7407



64.8475, 78.0471, 66.2938

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.



52.0422, 65.3706, 69.0759



71.4526, 65.3706, 89.7407



57.5463, 65.3706, 47.0060

Square

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



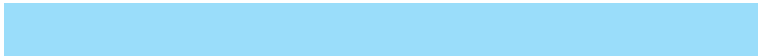
71.4526, 65.3706, 89.7407



68.3152, 65.3706, 48.6341



53.6608, 65.3706, 55.3688



56.3351, 65.3706, 99.7911

Rectangle

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



71.4526, 65.3706, 89.7407



73.0134, 65.3706, 63.0310



53.6608, 65.3706, 55.3688



52.3907, 65.3706, 79.9972

Sweetspot

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



71.4546, 65.3734, 89.7421



91.0653, 92.1127, 107.3187



59.7368, 59.3157, 89.9631



19.3764, 19.4878, 22.9246



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.



71.4546, 65.3734, 89.7421



80.6782, 71.5839, 103.0997



68.7208, 64.2799, 75.3463



16.4362, 16.0242, 19.8532



27.8090, 13.3960, 43.7723



2.3188, 1.1166, 3.6698

Inverse Universe

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



71.4546, 65.3734, 89.7421



80.6782, 71.5839, 103.0997



67.2962, 79.0265, 79.1880



16.4362, 16.0242, 19.8532



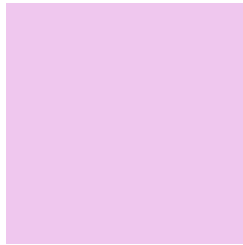
27.8090, 13.3960, 43.7723



2.3188, 1.1166, 3.6698

Previews

White Background



This preview shows how the XYZ color 71.4526, 65.3706, 89.7407 looks on a white background.

Color Contrast Check

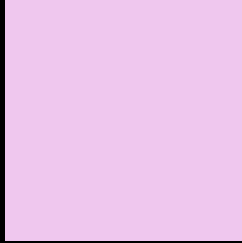
Large Text (above 18pt) WCAG AA × Fail

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 71.4526, 65.3706, 89.7407 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 71.4526, 65.3706, 89.7407

Background



This preview shows how black text looks on a background with the XYZ color 71.4526, 65.3706, 89.7407.



This preview shows how white text looks on a background with the XYZ color 71.4526, 65.3706,

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

71.4526, 65.3706, 89.7407

Protanopia

64.7049, 65.6649, 95.6505

Deuteranopia

66.8726, 65.4727, 89.2337



Tritanopia

68.3675, 65.1359, 75.2988

Trichromacy



Original Color

71.4526, 65.3706, 89.7407

Protanomaly

66.7136, 65.3051, 93.0934

Deuteranomaly

68.3206, 65.1572, 89.0965

Tritanomaly

69.4023, 65.2141, 80.1638

Monochromacy



Original Color

71.4526, 65.3706, 89.7407

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.8602, 66.7759, 79.1772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4526, 65.3706, 89.7407 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, 199, 238)` looks like.

```
.text, #text, p{  
    color:rgb(239, 199, 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(239, 199, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.4526, 65.3706, 89.7407 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, 199, 238) }
```


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

```
.border{ border-color:rgb(239, 199, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 199, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 199, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 199, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 199,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4526, 65.3706, 89.7407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 238) }
```

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

```
.background{ background-color: rgb(239,  
199, 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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