

Converting Colors

XYZ(72.7022, 67.6339, 91.4280)

Have a look what the booklet for
XYZ(72.7022, 67.6339, 91.4280)
contains.

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Color

**XYZ(72.9176, 67.8277,
91.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCCF0
RGB	239, 204, 240
RGB Percent	94%, 80%, 94%
CMY	0.0627, 0.2000, 0.0588
CMYK	0.00, 0.15, 0.00, 0.06
HSL	298°, 55%, 87%
HSV	298°, 15%, 94%
XYZ	72.9176, 67.8277, 91.6870
YIQ	218.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

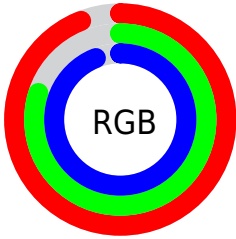
Format	Color
RYB	239, 204, 240
Decimal	15715568
CIELab	85.92, 18.41, -13.14
CIElCh	86, 22.617, 324.487
Yxy	67.8277, 0.3137, 0.2918
Android (android.graphics.Color)	4293905648 (0xFFEFCCF0)
YUV	218.5690, 10.5655, 17.9180
Hunter-Lab	82.3576, 13.9143, -8.3560

Details

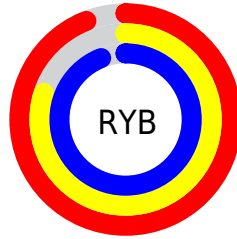
The XYZ color **72.9176, 67.8277, 91.6870** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2385, 79.6608, 68.9624**, and the grayscale version is **66.9599, 70.4470, 76.7168**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0865, 35.3407, 50.1087** is the 20% darker color. If you saturate the color by 10%, you get **67.4231, 57.1711, 89.9207**, and if you desaturate by 10%, it is **79.2959, 80.2485, 93.7493**.

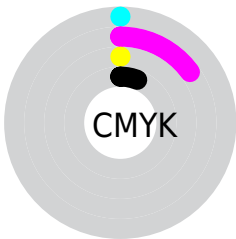
Distribution



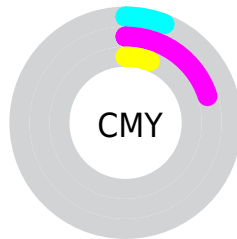
- Red (94%)
- Green (80%)
- Blue (94%)



- Red (94%)
- Yellow (80%)
- Blue (94%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9176, 67.8277, 91.6870 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 72.9176, 67.8277, 91.6870 by changing the saturation by 10% instead.

72.9176, 67.8277,
91.6870

72.9176, 67.8277,
91.6870

459.8374,
452.8853, 554.2145

54.1967, 49.7576,
68.7991

122.3640,
116.1056, 151.6354

38.9903, 35.2208,
50.0774

153.8202,
147.0822, 189.5331

26.9328, 23.8330,
35.1033

190.2523,
183.1297, 233.2710

17.6591, 15.2098,
23.4582

232.0255,
224.6326, 283.2678

10.8037, 8.9668,
14.7238

279.5053,
271.9752, 339.9420

6.0013, 4.7195,
8.4813

333.0569,

2.8866, 2.0836,

325.5419, 403.7122

4.3123

393.0459,
385.7172, 474.9968

■ 1.0941, 0.6554,
1.7982

■ 0.0201, 0.0000,
0.4267

■ 72.9176, 67.8277,
91.6870

■ 72.9176, 67.8277,
91.6870

■ 67.4231, 57.1711,
89.9207

■ 79.2959, 80.2485,
93.7493

■ 62.7663, 48.1898,
88.4325

■ 86.5895, 94.4997,
96.1156

■ 58.9058, 40.8000,
87.2096

■ 87.7645, 96.5124,
96.4422

■ 55.7948, 34.9077,
86.2363

■ 87.9925, 96.6299,
96.4529

53.3810, 30.4088,
85.4951

88.2214, 96.7479,
96.4636

51.6059, 27.1859,
84.9666

88.4511, 96.8663,
96.4743

50.4010, 25.1025,
84.6280

88.6816, 96.9851,
96.4851

49.6827, 23.9907,
84.4512

88.9129, 97.1044,
96.4959

49.4420, 23.6713,
84.4023

89.1451, 97.2241,
96.5068

Harmonies

Analogous

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



68.6841, 67.8277, 102.9629



72.9176, 67.8277, 91.6870



74.8959, 67.8277, 76.6263

Triad

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



72.9176, 67.8277, 91.6870



65.4295, 67.8277, 48.9493



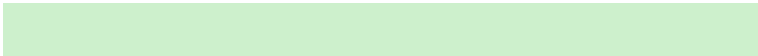
55.8246, 67.8277, 86.3145

Complementary

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



72.9176, 67.8277, 91.6870



67.2385, 79.6608, 68.9624

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.



55.0563, 67.8277, 71.1471



72.9176, 67.8277, 91.6870



60.4285, 67.8277, 50.8223

Square

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



72.9176, 67.8277, 91.6870



70.4269, 67.8277, 52.9877



56.6981, 67.8277, 58.4956



58.8555, 67.8277, 99.5818

Rectangle

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



72.9176, 67.8277, 91.6870



74.5973, 67.8277, 66.9462



56.6981, 67.8277, 58.4956



55.3002, 67.8277, 81.2189

Sweetspot

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



72.9196, 67.8306, 91.6885



91.7778, 93.6102, 107.8391



62.5122, 62.8904, 91.2834



19.5166, 19.7874, 23.0407



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.



72.9196, 67.8306, 91.6885



81.6475, 73.8890, 104.5665



70.8765, 67.0525, 79.1626



16.4083, 16.0077, 19.9466



27.0849, 12.9682, 46.2034



2.2668, 1.0858, 3.8443

Inverse Universe

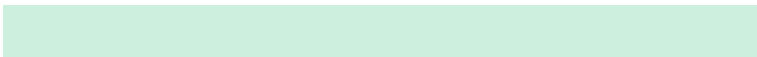
The Inverse Universe completely reimagines the original color for something new.



68.5499, 66.1219, 66.9108



75.7447, 71.5819, 71.0425



69.0888, 80.3691, 80.1409



15.7906, 15.7660, 16.4535



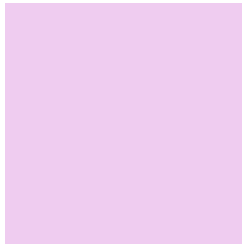
19.6994, 10.1522, 1.0677



1.6450, 0.8471, 0.1215

Previews

White Background



This preview shows how the XYZ color 72.9176, 67.8277, 91.6870 looks on a white background.

Color Contrast Check

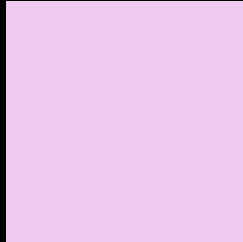
Large Text (above 18pt) WCAG AA × Fail

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 72.9176, 67.8277, 91.6870 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 72.9176, 67.8277, 91.6870

Background



This preview shows how black text looks on a background with the XYZ color 72.9176, 67.8277, 91.6870.



This preview shows how white text looks on a background with the XYZ color 72.9176, 67.8277,

91.6870.

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

72.9176, 67.8277, 91.6870

Protanopia

67.0071, 67.9440, 96.7716

Deuteranopia

69.4318, 67.8405, 91.0964



Tritanopia

70.5572, 67.9579, 79.2105

Trichromacy



Original Color

72.9176, 67.8277, 91.6870

Protanomaly

69.1945, 67.9970, 95.0657

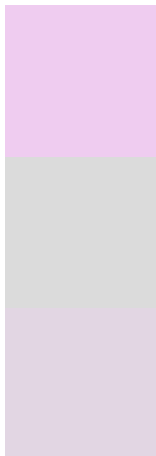
Deuteranomaly

70.5259, 67.6806, 91.0079

Tritanomaly

71.4741, 67.9769, 83.4825

Monochromacy



Original Color

72.9176, 67.8277, 91.6870

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2757, 69.8079, 82.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9176, 67.8277, 91.6870 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, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 204, 240)  
}
```

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, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 204, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.9176, 67.8277, 91.6870 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, 204, 240) }
```


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

```
.border{ border-color:rgb(239, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 204,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9176, 67.8277, 91.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 204, 240) }
```

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

```
.background{ background-color: rgb(239,  
204, 240) }
```

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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