

Converting Colors

XYZ(71.3698, 71.4788, 92.0073)

Have a look what the booklet for
XYZ(71.3698, 71.4788, 92.0073)
contains.

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Color

**XYZ(71.1872, 71.3513,
91.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D8EF
RGB	225, 216, 239
RGB Percent	88%, 85%, 94%
CMY	0.1176, 0.1529, 0.0627
CMYK	0.06, 0.10, 0.00, 0.06
HSL	263°, 42%, 89%
HSV	263°, 10%, 94%
XYZ	71.1872, 71.3513, 91.6816
YIQ	221.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

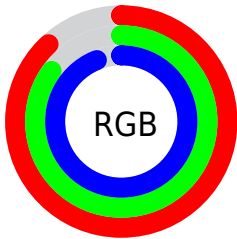
Format	Color
R _Y B	225, 216, 239
Decimal	14801135
CIE Lab	87.66, 7.28, -10.14
CIE LCh	88, 12.486, 305.674
Yxy	71.3513, 0.3039, 0.3046
Android (android.graphics.Color)	4292991215 (0xFFE1D8EF)
YUV	221.3130, 8.7197, 3.2335
Hunter-Lab	84.4697, 2.6097, -5.2233

Details

The XYZ color **71.1872, 71.3513, 91.6816** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8970, 83.5158, 77.0893**, and the grayscale version is **68.8906, 72.4782, 78.9288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8697, 37.4547, 50.0333** is the 20% darker color. If you saturate the color by 10%, you get **61.1601, 57.7456, 89.5850**, and if you desaturate by 10%, it is **82.4956, 86.9435, 94.0963**.

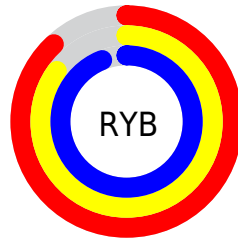
Distribution



Red (88%)

Green (85%)

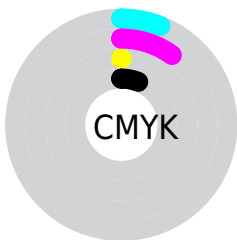
Blue (94%)



Red (88%)

Yellow (85%)

Blue (94%)

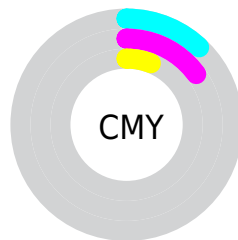


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1872, 71.3513, 91.6816 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 71.1872, 71.3513, 91.6816 by changing the saturation by 10% instead.

71.1872, 71.3513,
91.6816

71.1872, 71.3513,
91.6816

453.9092,
465.2806, 554.1966

52.7781, 52.6289,
68.7946

119.9173,
121.1338, 151.6279

37.8524, 37.5066,
50.0738

150.9690,
152.9627, 189.5243

26.0448, 25.6000,
35.1004

186.9656,
189.9293, 233.2609

16.9900, 16.5246,
23.4561

228.2724,
232.4179, 283.2564

10.3227, 9.8962,
14.7222

275.2548,
280.8129, 339.9291

5.6773, 5.3302,
8.4802

328.2782,

2.6887, 2.4423,

335.4988, 403.6977

4.3116

387.7079,
396.8599, 474.9807

■ 0.9913, 0.8475,
1.7978

■ 0.0000, 0.0000,
0.4265

■ 71.1872, 71.3513,
91.6816

■ 71.1872, 71.3513,
91.6816

■ 61.1601, 57.7456,
89.5850

■ 82.4956, 86.9435,
94.0963

■ 52.3601, 46.0357,
87.7886

■ 92.2505, 98.8421,
95.8788

■ 44.7384, 36.1374,
86.2797

■ 92.5802, 99.0121,
95.8942

■ 38.2400, 27.9565,
85.0432

■ 32.8054, 21.3899,
84.0621

■ 28.3688, 16.3232,
83.3180

■ 24.8563, 12.6262,
82.7895

■ 22.1815, 10.1450,
82.4516

■ 20.2115, 8.6341,
82.2638

Harmonies

Analogous

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



68.3809, 71.3513, 95.0450



71.1872, 71.3513, 91.6816



73.1310, 71.3513, 84.5917

Triad

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



71.1872, 71.3513, 91.6816



70.1863, 71.3513, 63.7768



62.3155, 71.3513, 79.3104

Complementary

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



71.1872, 71.3513, 91.6816



75.8970, 83.5158, 77.0893

Split Complementary

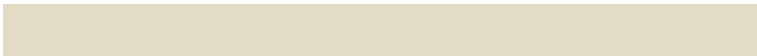
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7674, 71.3513, 71.1733



71.1872, 71.3513, 91.6816



67.2567, 71.3513, 62.5868

Square

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



71.1872, 71.3513, 91.6816



72.5415, 71.3513, 68.5754



64.5554, 71.3513, 65.1986



63.3027, 71.3513, 87.5772

Rectangle

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



71.1872, 71.3513, 91.6816



73.6460, 71.3513, 78.9242



64.5554, 71.3513, 65.1986



62.3045, 71.3513, 76.4676

Sweetspot

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



71.1893, 71.3543, 91.6832



90.9652, 94.3432, 108.0234



72.2493, 77.5291, 92.8192



19.2416, 19.8775, 23.0725



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.



71.1893, 71.3543, 91.6832



79.5288, 78.6431, 105.5958



74.8354, 73.2339, 91.8538



15.4822, 15.5303, 19.9033



11.2695, 4.8150, 45.4633



1.0460, 0.4565, 3.7872

Inverse Universe

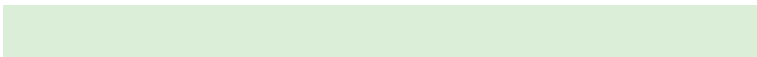
The Inverse Universe completely reimagines the original color for something new.



74.4379, 73.1788, 85.0681



84.1853, 81.2594, 96.0643



72.3819, 81.7037, 76.9248



16.1771, 15.9205, 18.4887



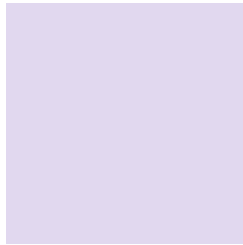
22.5834, 11.3058, 16.2548



1.9274, 0.9600, 1.6087

Previews

White Background



This preview shows how the XYZ color 71.1872, 71.3513, 91.6816 looks on a white background.

Color Contrast Check

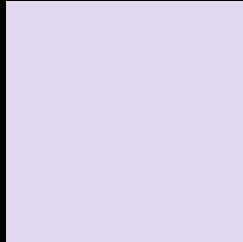
Large Text (above 18pt) WCAG AA × Fail

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 71.1872, 71.3513, 91.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

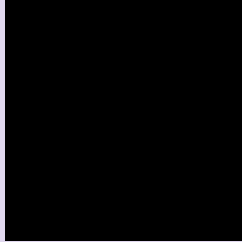
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1872, 71.3513, 91.6816

Background



This preview shows how black text looks on a background with the XYZ color 71.1872, 71.3513, 91.6816.



This preview shows how white text looks on a background with the XYZ color 71.1872, 71.3513,

91.6816.

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

71.1872, 71.3513, 91.6816

Protanopia

69.7130, 71.3395, 92.5337

Deuteranopia

72.9053, 71.4809, 91.6160



Tritanopia

70.4046, 71.4135, 87.9154

Trichromacy



Original Color

71.1872, 71.3513, 91.6816

Protanomaly

70.3598, 71.2891, 92.4899

Deuteranomaly

72.1935, 71.4909, 91.6555

Tritanomaly

70.6936, 71.5291, 89.4374

Monochromacy



Original Color

71.1872, 71.3513, 91.6816

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4593, 71.7941, 83.5955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1872, 71.3513, 91.6816 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(225, 216, 239) looks like.

```
.text, #text, p{  
    color:rgb(225, 216, 239)  
}
```

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(225, 216, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.1872, 71.3513, 91.6816 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(225, 216, 239) }
```


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

```
.border{ border-color:rgb(225, 216, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 216, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 216, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 216, 239);  
box-shadow:4px 4px 4px 4px rgb(225, 216,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1872, 71.3513, 91.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 216, 239) }
```

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

```
.background{ background-color: rgb(225,  
216, 239) }
```

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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