

Converting Colors

XYZ(71.5943, 69.1152, 86.0855)

Have a look what the booklet for
XYZ(71.5943, 69.1152, 86.0855)
contains.

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Color

**XYZ(71.6269, 69.0893,
85.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD1E8
RGB	235, 209, 232
RGB Percent	92%, 82%, 91%
CMY	0.0784, 0.1804, 0.0902
CMYK	0.00, 0.11, 0.01, 0.08
HSL	307°, 39%, 87%
HSV	307°, 11%, 92%
XYZ	71.6269, 69.0893, 85.9044
YIQ	219.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

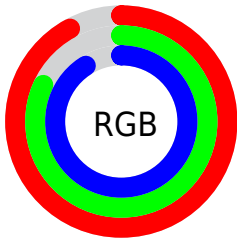
Format	Color
R _{YB}	235, 209, 232
Decimal	15454696
CIE Lab	86.55, 12.99, -8.00
CIE LCh	87, 15.252, 328.371
Yxy	69.0893, 0.3161, 0.3049
Android (android.graphics.Color)	4293644776 (0xFFEBD1E8)
YUV	219.3960, 6.2138, 13.6847
Hunter-Lab	83.1200, 8.3587, -3.0922

Details

The XYZ color **71.6269, 69.0893, 85.9044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8891, 77.7273, 73.7157**, and the grayscale version is **67.5628, 71.0814, 77.4076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1482, 36.1610, 46.0434** is the 20% darker color. If you saturate the color by 10%, you get **65.8996, 58.2455, 82.1100**, and if you desaturate by 10%, it is **78.2146, 81.6423, 90.0165**.

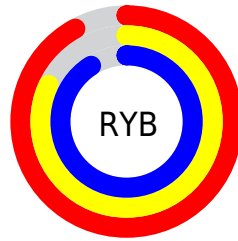
Distribution



Red (92%)

Green (82%)

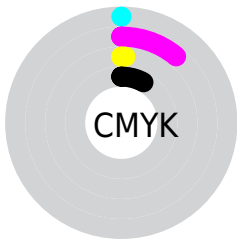
Blue (91%)



Red (92%)

Yellow (82%)

Blue (91%)

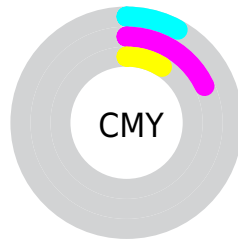


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6269, 69.0893, 85.9044 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 71.6269, 69.0893, 85.9044 by changing the saturation by 10% instead.

71.6269, 69.0893,
85.9044

71.6269, 69.0893,
85.9044

455.4197,
457.3459, 534.8384

53.1383, 50.7844,
64.0345

120.5396,
117.9091, 143.5214

38.1411, 36.0371,
46.2322

151.6944,
149.1929, 180.1056

26.2699, 24.4628,
32.0791

187.8021,
185.5717, 222.4317

17.1594, 15.6773,
21.1566

229.2279,
227.4300, 270.9181

10.4442, 9.2961,
13.0462

276.3372,
275.1522, 325.9834

5.7590, 4.9348,
7.3293

329.4954,

2.7384, 2.2091,

329.1226, 388.0462

3.5873

389.0678,
389.7257, 457.5250

■ 1.0170, 0.7249,
1.4018

■ 0.0000, 0.0000,
0.1431

■ 71.6269, 69.0893,
85.9044

■ 71.6269, 69.0893,
85.9044

■ 65.8996, 58.2455,
82.1100

■ 78.2146, 81.6423,
90.0165

■ 60.9895, 49.0276,
78.6165

■ 85.3697, 95.3217,
94.3465

■ 56.8588, 41.3592,
75.4118

■ 85.7700, 95.4818,
96.4544

■ 53.4643, 35.1536,
72.4814

■ 86.1763, 95.6444,
98.5940

50.7586, 30.3163,
69.8094

86.5887, 95.8093,
100.7655

48.6886, 26.7411,
67.3780

87.0071, 95.9767,
102.9690

47.1935, 24.3066,
65.1668

87.4317, 96.1465,
105.2046

46.2007, 22.8673,
63.1514

87.8623, 96.3188,
107.4724

45.6320, 22.2107,
61.4803

88.0714, 96.4024,
108.5734

Harmonies

Analogous

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



68.9506, 69.0893, 93.6889



71.6269, 69.0893, 85.9044



72.6992, 69.0893, 75.7812

Triad

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



71.6269, 69.0893, 85.9044



65.8607, 69.0893, 57.3964



59.8660, 69.0893, 84.8616

Complementary

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



71.6269, 69.0893, 85.9044



67.8891, 77.7273, 73.7157

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.



59.1042, 69.0893, 74.6745



71.6269, 69.0893, 85.9044



62.4899, 69.0893, 59.3644

Square

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



71.6269, 69.0893, 85.9044



69.2969, 69.0893, 59.8381



60.0478, 69.0893, 65.4723



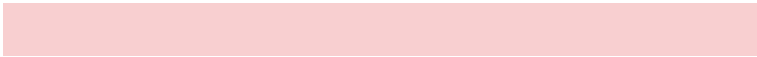
62.1667, 69.0893, 93.0499

Rectangle

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



71.6269, 69.0893, 85.9044



72.3320, 69.0893, 69.2561



60.0478, 69.0893, 65.4723



59.4251, 69.0893, 81.5305

Sweetspot

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



71.6289, 69.0923, 85.9059



92.5161, 95.1591, 107.3558



64.8351, 65.5403, 87.8317



19.6608, 20.0980, 22.8915



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.



71.6289, 69.0923, 85.9059



84.7616, 80.3989, 102.4621



69.9027, 68.4018, 76.8155



15.6356, 15.2821, 18.6323



25.4266, 12.3733, 34.3777



2.0179, 0.9801, 2.8115

Inverse Universe

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



71.6289, 69.0923, 85.9059



84.7616, 80.3989, 102.4621



69.5413, 78.3882, 82.4158



15.6356, 15.2821, 18.6323



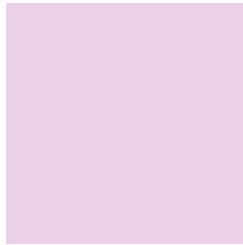
25.4266, 12.3733, 34.3777



2.0179, 0.9801, 2.8115

Previews

White Background



This preview shows how the XYZ color 71.6269, 69.0893, 85.9044 looks on a white background.

Color Contrast Check

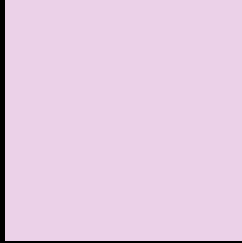
Large Text (above 18pt) WCAG AA × Fail

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 71.6269, 69.0893, 85.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

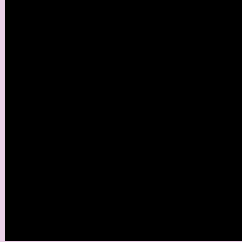
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6269, 69.0893, 85.9044

Background



This preview shows how black text looks on a background with the XYZ color 71.6269, 69.0893, 85.9044.



This preview shows how white text looks on a background with the XYZ color 71.6269, 69.0893,

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

71.6269, 69.0893, 85.9044

Protanopia

67.4651, 69.1041, 89.1395

Deuteranopia

70.5671, 68.9083, 85.9253



Tritanopia

70.7057, 69.0766, 81.5580

Trichromacy



Original Color

71.6269, 69.0893, 85.9044

Protanomaly

68.9138, 69.1163, 88.3059

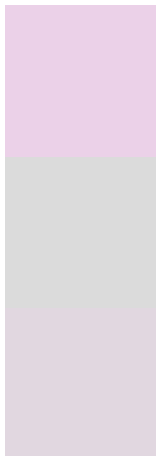
Deuteranomaly

70.8908, 69.0752, 85.9404

Tritanomaly

70.9819, 69.1870, 83.0121

Monochromacy



Original Color

71.6269, 69.0893, 85.9044

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.8063, 69.9902, 80.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6269, 69.0893, 85.9044 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(235, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 232)  
}
```

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(235, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 71.6269, 69.0893, 85.9044 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(235, 209, 232) }
```


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

```
.border{ border-color:rgb(235, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6269, 69.0893, 85.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 232) }
```

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

```
.background{ background-color: rgb(235,  
209, 232) }
```

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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