

Converting Colors

XYZ(73.3529, 70.9491, 85.4970)

Have a look what the booklet for
XYZ(73.3529, 70.9491, 85.4970)
contains.

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Color

**XYZ(73.5639, 71.2072,
85.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD4E7
RGB	239, 212, 231
RGB Percent	94%, 83%, 91%
CMY	0.0627, 0.1686, 0.0941
CMYK	0.00, 0.11, 0.03, 0.06
HSL	318°, 46%, 88%
HSV	318°, 11%, 94%
XYZ	73.5639, 71.2072, 85.4684
YIQ	222.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

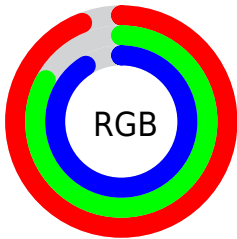
Format	Color
R _Y B	239, 212, 231
Decimal	15717607
CIE Lab	87.59, 12.58, -5.90
CIE LCh	88, 13.894, 334.887
Yxy	71.2072, 0.3195, 0.3093
Android (android.graphics.Color)	4293907687 (0xFFEFD4E7)
YUV	222.2390, 4.3192, 14.6994
Hunter-Lab	84.3844, 7.9386, -0.9826

Details

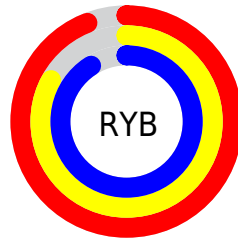
The XYZ color **73.5639, 71.2072, 85.4684** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9389, 80.8993, 79.5903**, and the grayscale version is **69.5672, 73.1901, 79.7041**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3233, 37.2764, 45.6799** is the 20% darker color. If you saturate the color by 10%, you get **67.0464, 59.7399, 78.4604**, and if you desaturate by 10%, it is **81.0104, 84.4656, 92.9875**.

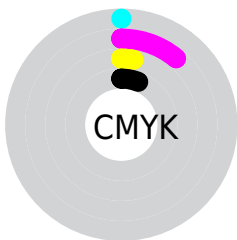
Distribution



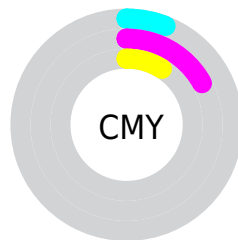
- Red (94%)
- Green (83%)
- Blue (91%)



- Red (94%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5639, 71.2072, 85.4684 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 73.5639, 71.2072, 85.4684 by changing the saturation by 10% instead.


 73.5639, 71.2072,
85.4684

 73.5639, 71.2072,
85.4684


462.0405,
464.7774, 533.3617

 54.7272, 52.5113,
63.6761


123.2762,
120.9287, 142.9074

 39.4163, 37.4128,
45.9439

154.8826,
152.7231, 179.3912

 27.2659, 25.5273,
31.8532


191.4762,
189.6525, 221.6092

 17.9107, 16.4703,
20.9855

233.4224,
232.1012, 269.9799

 10.9852, 9.8576,
12.9223

281.0866,
280.4536, 324.9220

 6.1241, 5.3046,
7.2449

334.8341,

 2.9621, 2.4271,

335.0942, 386.8540

3.5350

395.0302,
396.4074, 456.1944

■ 1.1337, 0.8398,
1.3739

■ 0.0531, 0.0000,
0.1212

■ 73.5639, 71.2072,
85.4684

■ 73.5639, 71.2072,
85.4684

■ 67.0464, 59.7399,
78.4604

■ 81.0104, 84.4656,
92.9875

■ 61.4124, 49.9766,
71.9435

■ 87.8640, 96.4737,
100.5101

■ 56.6220, 41.8373,
65.9029

■ 88.9673, 96.9151,
106.3202

■ 52.6295, 35.2314,
60.3208

■ 89.4071, 97.0910,
108.6359

■ 49.3851, 30.0598,
55.1782

■ 46.8327, 26.2114,
50.4540

■ 44.9082, 23.5589,
46.1241

■ 43.5349, 21.9494,
42.1605

■ 42.6813, 21.1846,
38.9706

Harmonies

Analogous

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



71.3587, 71.2072, 93.3426



73.5639, 71.2072, 85.4684



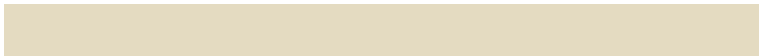
74.1727, 71.2072, 76.0013

Triad

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



73.5639, 71.2072, 85.4684



67.1435, 71.2072, 60.8650



62.6288, 71.2072, 88.3492

Complementary

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



73.5639, 71.2072, 85.4684



70.9389, 80.8993, 79.5903

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.



61.5783, 71.2072, 79.0842



73.5639, 71.2072, 85.4684



64.1305, 71.2072, 63.6168

Square

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



73.5639, 71.2072, 85.4684



70.3973, 71.2072, 62.2753



62.1191, 71.2072, 70.1038



65.0341, 71.2072, 95.0979

Rectangle

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



73.5639, 71.2072, 85.4684



73.5751, 71.2072, 70.1644



62.1191, 71.2072, 70.1038



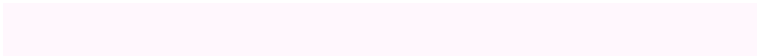
62.1091, 71.2072, 85.3993

Sweetspot

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



73.5660, 71.2103, 85.4699



92.2950, 95.0706, 106.1916



68.5358, 68.4836, 91.2689



19.6010, 20.0741, 22.5764



0.0000, 0.0000, 0.0000



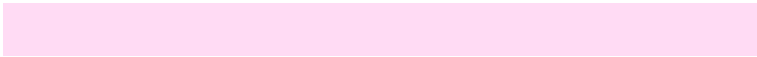
20.3446, 21.4041, 23.3091

Same Dimension

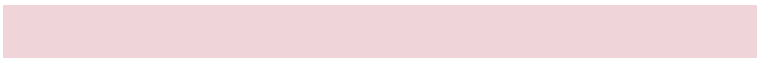
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5660, 71.2103, 85.4699



83.0429, 78.6369, 96.7247



71.7778, 70.4951, 76.0538



16.2430, 15.9469, 18.8361



23.6466, 11.7311, 21.8536



2.0106, 0.9933, 2.0467

Inverse Universe

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



73.5660, 71.2103, 85.4699



83.0429, 78.6369, 96.7247



72.7497, 81.6236, 89.1256



16.2430, 15.9469, 18.8361



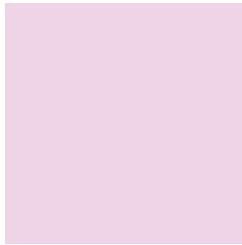
23.6466, 11.7311, 21.8536



2.0106, 0.9933, 2.0467

Previews

White Background



This preview shows how the XYZ color 73.5639, 71.2072, 85.4684 looks on a white background.

Color Contrast Check

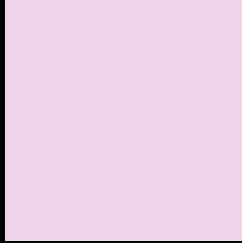
Large Text (above 18pt) WCAG AA × Fail

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 73.5639, 71.2072, 85.4684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

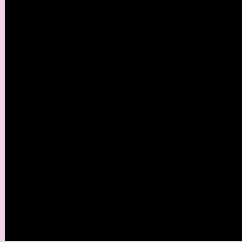
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5639, 71.2072, 85.4684

Background



This preview shows how black text looks on a background with the XYZ color 73.5639, 71.2072, 85.4684.



This preview shows how white text looks on a background with the XYZ color 73.5639, 71.2072,

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

73.5639, 71.2072, 85.4684

Protanopia

69.2802, 71.2010, 88.6890

Deuteranopia

72.8101, 71.1909, 85.5050



Tritanopia

73.2829, 71.0948, 83.9890

Trichromacy



Original Color

73.5639, 71.2072, 85.4684

Protanomaly

70.7712, 71.2210, 87.8589

Deuteranomaly

73.1431, 71.3625, 85.5206

Tritanomaly

73.4230, 71.1509, 84.7266

Monochromacy



Original Color

73.5639, 71.2072, 85.4684

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6569, 72.0730, 81.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5639, 71.2072, 85.4684 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, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 212, 231)  
}
```

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, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 212, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.5639, 71.2072, 85.4684 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, 212, 231) }
```


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

```
.border{ border-color:rgb(239, 212, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 212, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 212,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5639, 71.2072, 85.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 212, 231) }
```

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

```
.background{ background-color: rgb(239,  
212, 231) }
```

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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