

Converting Colors

XYZ(73.2059, 75.2103, 86.0762)

Have a look what the booklet for
XYZ(73.2059, 75.2103, 86.0762)
contains.

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Color

**XYZ(73.1246, 75.2029,
86.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFE7
RGB	229, 223, 231
RGB Percent	90%, 87%, 91%
CMY	0.1020, 0.1255, 0.0941
CMYK	0.01, 0.03, 0.00, 0.09
HSL	285°, 14%, 89%
HSV	285°, 3%, 91%
XYZ	73.1246, 75.2029, 86.2628
YIQ	225.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

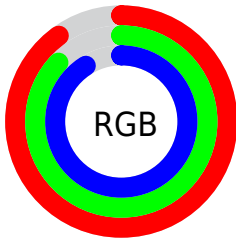
Format	Color
R_{YB}	229, 223, 231
Decimal	15065063
CIE _{Lab}	89.49, 3.46, -3.19
CIE _{LCh}	89, 4.707, 317.396
Yxy	75.2029, 0.3117, 0.3206
Android (android.graphics.Color)	4293255143 (0xFFE5DFE7)
YUV	225.7060, 2.6099, 2.8888
Hunter-Lab	86.7196, -1.2427, 1.7260

Details

The XYZ color **73.1246, 75.2029, 86.2628** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9493, 78.4891, 81.1209**, and the grayscale version is **72.0595, 75.8123, 82.5595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1961, 40.0991, 46.2315** is the 20% darker color. If you saturate the color by 10%, you get **65.5569, 62.7579, 84.2607**, and if you desaturate by 10%, it is **81.5999, 89.3700, 88.5517**.

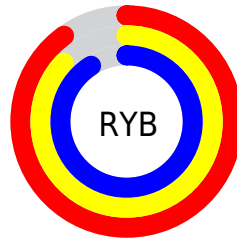
Distribution



Red (90%)

Green (87%)

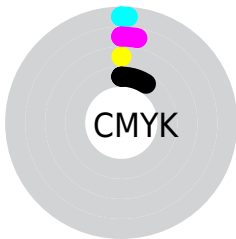
Blue (91%)



Red (90%)

Yellow (87%)

Blue (91%)

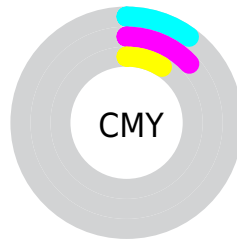


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1246, 75.2029, 86.2628 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 73.1246, 75.2029, 86.2628 by changing the saturation by 10% instead.

73.1246, 75.2029,
86.2628

73.1246, 75.2029,
86.2628

460.5436,
478.6147, 536.0505

54.3666, 55.7791,
64.3292

122.6563,
126.5995, 144.0260

39.1267, 40.0259,
46.4694

154.1606,
159.3412, 180.6925

27.0394, 27.5587,
32.2651

190.6445,
197.2909, 223.1072

17.7396, 17.9933,
21.2976

232.4732,
240.8331, 271.6885

10.8617, 10.9452,
13.1483

280.0121,
290.3522, 326.8549

6.0405, 6.0300,
7.3988

333.6266,

2.9106, 2.8633,

346.2326, 389.0251

3.6306

393.6820,
408.8586, 458.6174

■ 1.1067, 1.0608,
1.4249

■ 0.0307, 0.0000,
0.1611

■ 73.1246, 75.2029,
86.2628

■ 73.1246, 75.2029,
86.2628

■ 65.5569, 62.7579,
84.2607

■ 81.5999, 89.3700,
88.5517

■ 58.8560, 51.9572,
82.5291

■ 86.3084, 95.9124,
89.5664

■ 52.9872, 42.7315,
81.0577

■ 88.3073, 96.9429,
89.6600

■ 47.9110, 35.0026,
79.8334

■ 90.3692, 98.0058,
89.7564

■ 43.5845, 28.6857,
78.8421

■ 91.4240, 98.5496,
89.8058

■ 39.9606, 23.6872,
78.0683

■ 36.9863, 19.9023,
77.4945

■ 34.6004, 17.2096,
77.1005

■ 32.7289, 15.4619,
76.8618

Harmonies

Analogous

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



72.1439, 75.2029, 88.1013



73.1246, 75.2029, 86.2628



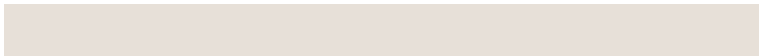
73.6665, 75.2029, 83.2784

Triad

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



73.1246, 75.2029, 86.2628



71.9636, 75.2029, 75.8339



69.3805, 75.2029, 83.7988

Complementary

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



73.1246, 75.2029, 86.2628



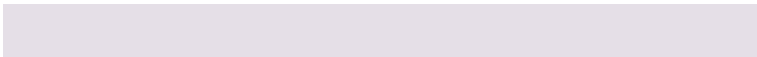
72.9493, 78.4891, 81.1209

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.



69.3334, 75.2029, 80.5037



73.1246, 75.2029, 86.2628



70.8164, 75.2029, 75.9647

Square

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



73.1246, 75.2029, 86.2628



72.9914, 75.2029, 77.2921



69.8565, 75.2029, 77.6544



69.9859, 75.2029, 86.6526

Rectangle

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



73.1246, 75.2029, 86.2628



73.7023, 75.2029, 81.0675



69.8565, 75.2029, 77.6544



69.2991, 75.2029, 82.7043

Sweetspot

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



73.1268, 75.2061, 86.2644



94.0076, 98.2630, 108.6197



71.8196, 75.3833, 86.3675



20.1325, 21.0506, 23.2520



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.



73.1268, 75.2061, 86.2644



90.9496, 93.1832, 107.8003



73.5064, 75.4321, 84.9138



15.4008, 15.7036, 18.3637



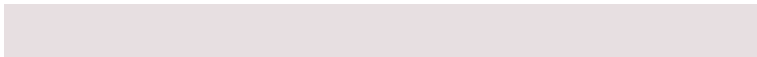
17.8949, 8.2910, 43.0403



1.4059, 0.6558, 3.1844

Inverse Universe

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



72.9359, 75.2039, 81.9096



90.6747, 93.1810, 101.4866



72.5824, 78.2707, 82.4243



15.3463, 15.7034, 17.1021



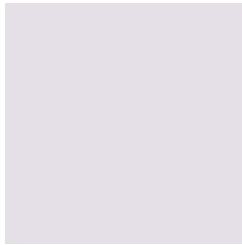
18.9419, 9.7110, 3.3228



1.4363, 0.7322, 0.4382

Previews

White Background



This preview shows how the XYZ color 73.1246, 75.2029, 86.2628 looks on a white background.

Color Contrast Check

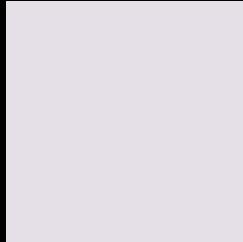
Large Text (above 18pt) WCAG AA × Fail

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 73.1246, 75.2029, 86.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

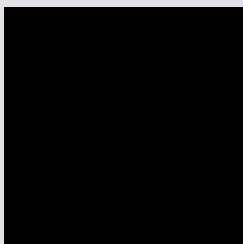
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

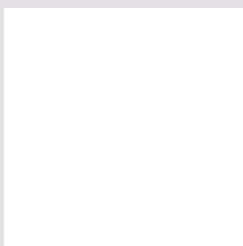
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1246, 75.2029, 86.2628

Background



This preview shows how black text looks on a background with the XYZ color 73.1246, 75.2029, 86.2628.



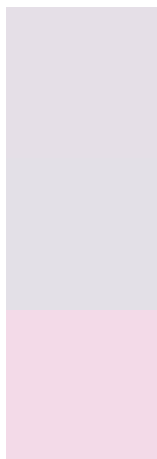
This preview shows how white text looks on a background with the XYZ color 73.1246, 75.2029,

86.2628.

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

73.1246, 75.2029, 86.2628

Protanopia

72.7580, 75.4117, 86.3225

Deuteranopia

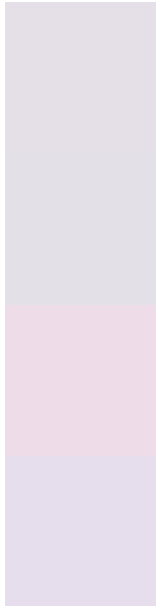
76.5990, 75.0237, 86.7877



Tritanopia

74.3344, 75.2975, 92.2774

Trichromacy



Original Color

73.1246, 75.2029, 86.2628

Protanomaly

73.0744, 75.5748, 86.3373

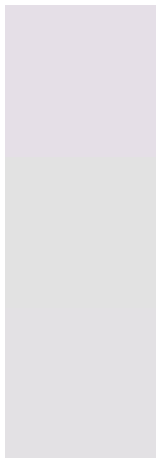
Deuteranomaly

75.4186, 75.1897, 86.8820

Tritanomaly

73.8947, 75.1217, 89.9621

Monochromacy



Original Color

73.1246, 75.2029, 86.2628

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6074, 75.7828, 84.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1246, 75.2029, 86.2628 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(229, 223, 231) looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 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(229, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.1246, 75.2029, 86.2628 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(229, 223, 231) }
```


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

```
.border{ border-color:rgb(229, 223, 231) }
```

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

Here you see how a box with a 4 pixel rgb(229, 223, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1246, 75.2029, 86.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 231) }
```

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

```
.background{ background-color: rgb(229,  
223, 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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