

Converting Colors

XYZ(72.0317, 71.1339, 87.0412)

Have a look what the booklet for
XYZ(72.0317, 71.1339, 87.0412)
contains.

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Color

**XYZ(72.0333, 71.1321,
87.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D6E9
RGB	232, 214, 233
RGB Percent	91%, 84%, 91%
CMY	0.0902, 0.1608, 0.0863
CMYK	0.00, 0.08, 0.00, 0.09
HSL	297°, 30%, 88%
HSV	297°, 8%, 91%
XYZ	72.0333, 71.1321, 87.0241
YIQ	221.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

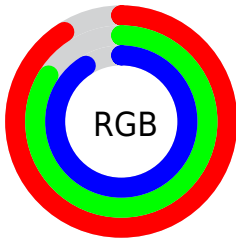
Format	Color
R _Y B	232, 214, 233
Decimal	15259369
CIE Lab	87.55, 9.53, -7.07
CIE LCh	88, 11.868, 323.425
Yxy	71.1321, 0.3129, 0.3090
Android (android.graphics.Color)	4293449449 (0xFFE8D6E9)
YUV	221.5480, 5.6458, 9.1664
Hunter-Lab	84.3398, 4.8592, -2.1391

Details

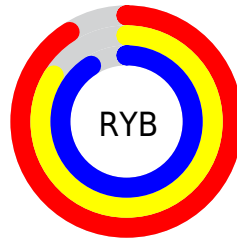
The XYZ color **72.0333, 71.1321, 87.0241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3033, 77.5817, 74.9439**, and the grayscale version is **69.0734, 72.6706, 79.1383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2384, 37.2007, 46.7600** is the 20% darker color. If you saturate the color by 10%, you get **66.1574, 59.9680, 85.1800**, and if you desaturate by 10%, it is **78.7596, 83.9907, 89.1526**.

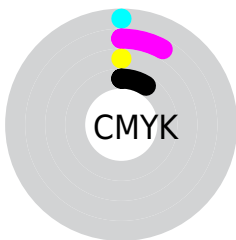
Distribution



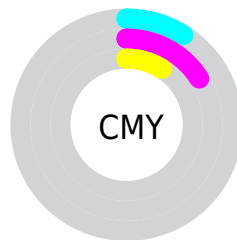
- Red (91%)
- Green (84%)
- Blue (91%)



- Red (91%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0333, 71.1321, 87.0241 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 72.0333, 71.1321, 87.0241 by changing the saturation by 10% instead.


 72.0333, 71.1321,
87.0241

 72.0333, 71.1321,
87.0241


456.8133,
464.5151, 538.6203

 53.4714, 52.4500,
64.9554


121.1144,
120.8218, 145.0969

 38.4082, 37.3639,
46.9738

152.3644,
152.5982, 181.9381

 26.4783, 25.4894,
32.6608


188.5744,
189.5082, 224.5405

 17.3164, 16.4420,
21.5977

230.1099,
231.9361, 273.3227

 10.5570, 9.8375,
13.3661

277.3362,
280.2663, 328.7033

 5.8349, 5.2913,
7.5475

330.6186,

 2.7846, 2.4192,

334.8833, 391.1007

3.7232

390.3225,
396.1714, 460.9335

■ 1.0409, 0.8357,
1.4747

■ 0.0000, 0.0000,
0.1990

■ 72.0333, 71.1321,
87.0241

■ 72.0333, 71.1321,
87.0241

■ 66.1574, 59.9680,
85.1800

■ 78.7596, 83.9907,
89.1526

■ 61.0899, 50.4179,
83.6037


■ 84.5491, 94.9726,
90.9672


■ 56.7949, 42.4085,
82.2841


■ 84.9541, 95.1814,
90.9862


■ 53.2311, 35.8573,
81.2074

■ 85.3619, 95.3917,
91.0052


 50.3533, 30.6741,
80.3586


 85.7725, 95.6033,
91.0245


 48.1114, 26.7587,
79.7211


 86.1860, 95.8165,
91.0438

 46.4485, 23.9972,
79.2757

 86.6022, 96.0310,
91.0633

 45.2974, 22.2552,
79.0001

 87.0212, 96.2470,
91.0829

 44.5636, 21.3436,
78.8628

 87.4431, 96.4645,
91.1026

Harmonies

Analogous

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



69.7757, 71.1321, 92.5059



72.0333, 71.1321, 87.0241



73.1095, 71.1321, 79.2330

Triad

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



72.0333, 71.1321, 87.0241



68.2284, 71.1321, 63.0974



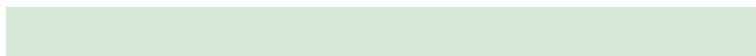
62.7799, 71.1321, 83.7549

Complementary

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



72.0333, 71.1321, 87.0241



69.3033, 77.5817, 74.9439

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.



62.3914, 71.1321, 75.6955



72.0333, 71.1321, 87.0241



65.4874, 71.1321, 64.1247

Square

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



72.0333, 71.1321, 87.0241



70.8739, 71.1321, 65.6969



63.3695, 71.1321, 68.6066



64.4458, 71.1321, 90.5291

Rectangle

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



72.0333, 71.1321, 87.0241



72.9917, 71.1321, 73.9198



63.3695, 71.1321, 68.6066



62.4975, 71.1321, 81.0925

Sweetspot

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



72.0354, 71.1352, 87.0256



93.3459, 96.7382, 108.3602



66.8109, 68.9196, 86.8733



19.9977, 20.7401, 23.1992



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.



72.0354, 71.1352, 87.0256



86.9559, 84.5421, 106.3429



71.2118, 70.8434, 80.9904



15.6319, 15.2710, 19.0460



25.2543, 12.0550, 44.7388



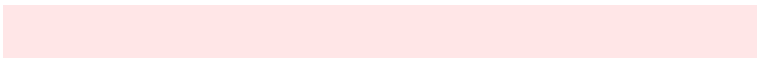
2.0071, 0.9590, 3.5142

Inverse Universe

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



69.9190, 70.3262, 74.1825



83.7993, 83.3363, 87.1531



70.0890, 77.8622, 80.6087



15.0976, 15.0669, 15.7993



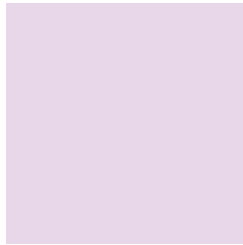
19.1200, 9.8507, 1.1672



1.5127, 0.7781, 0.1514

Previews

White Background



This preview shows how the XYZ color 72.0333, 71.1321, 87.0241 looks on a white background.

Color Contrast Check

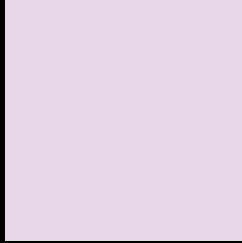
Large Text (above 18pt) WCAG AA × Fail

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 72.0333, 71.1321, 87.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

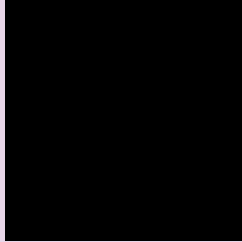
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0333, 71.1321, 87.0241

Background



This preview shows how black text looks on a background with the XYZ color 72.0333, 71.1321, 87.0241.



This preview shows how white text looks on a background with the XYZ color 72.0333, 71.1321,

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

72.0333, 71.1321, 87.0241

Protanopia

69.4251, 71.2590, 89.4521

Deuteranopia

72.7632, 71.1339, 86.9860



Tritanopia

71.7491, 71.0185, 85.5277

Trichromacy



Original Color

72.0333, 71.1321, 87.0241

Protanomaly

70.5487, 71.4712, 88.6743

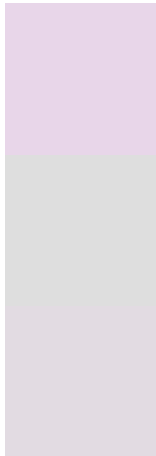
Deuteranomaly

72.4339, 70.9641, 86.9706

Tritanomaly

71.8908, 71.0751, 86.2738

Monochromacy



Original Color

72.0333, 71.1321, 87.0241

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4230, 72.3228, 82.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0333, 71.1321, 87.0241 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(232, 214, 233) looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 233)  
}
```

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(232, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 233) }
```

Border

The CSS property to change the border of an element to XYZ 72.0333, 71.1321, 87.0241 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(232, 214, 233) }
```


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

```
.border{ border-color:rgb(232, 214, 233) }
```

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

Here you see how a box with a 4 pixel rgb(232, 214, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0333, 71.1321, 87.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 233) }
```

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

```
.background{ background-color: rgb(232,  
214, 233) }
```

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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