

Converting Colors

XYZ(71.6019, 72.2233, 79.2739)

Have a look what the booklet for
XYZ(71.6019, 72.2233, 79.2739)
contains.

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Color

**XYZ(71.6019, 72.2233,
79.2739)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E9D9DE |
| RGB | 233, 217, 222 |
| RGB Percent | 91%, 85%, 87% |
| CMY | 0.0863, 0.1490, 0.1294 |
| CMYK | 0.00, 0.07, 0.05, 0.09 |
| HSL | 341°, 27%, 88% |
| HSV | 341°, 7%, 91% |
| XYZ | 71.6019, 72.2233, 79.2739 |
| YIQ | 222.3540, 7.9310, 4.9470 |

Conversions

Conversions Part 2

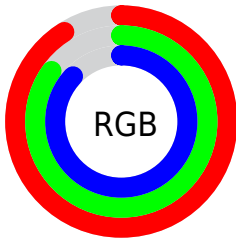
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 233, 217, 222 |
| Decimal | 15325662 |
| CIE Lab | 88.08, 6.35, -0.48 |
| CIE LCh | 88, 6.367, 355.661 |
| Yxy | 72.2233, 0.3209, 0.3237 |
| Android (android.graphics.Color) | 4293515742 (0xFFE9D9DE) |
| YUV | 222.3540, -0.1745, 9.3365 |
| Hunter-Lab | 84.9843, 1.6693, 4.1829 |

Details

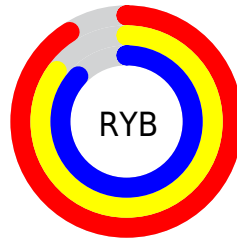
The XYZ color **71.6019, 72.2233, 79.2739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7605, 78.6327, 84.7980**, and the grayscale version is **69.6803, 73.3092, 79.8337**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0268, 37.9778, 41.8854** is the 20% darker color. If you saturate the color by 10%, you get **63.9689, 60.2316, 66.6333**, and if you desaturate by 10%, it is **80.2910, 85.9986, 93.2752**.

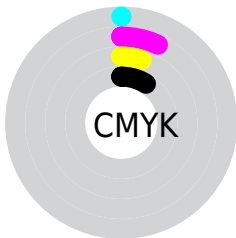
Distribution



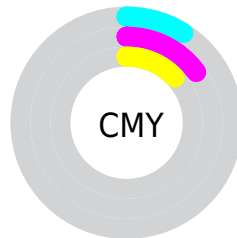
- Red (91%)
- Green (85%)
- Blue (87%)



- Red (91%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6019, 72.2233, 79.2739 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 71.6019, 72.2233, 79.2739 by changing the saturation by 10% instead.

71.6019, 72.2233,
79.2739

71.6019, 72.2233,
79.2739

455.3339,
468.3185, 512.1245

53.1178, 53.3411,
58.5984

120.5042,
122.3740, 134.1465

38.1247, 38.0751,
41.8720

151.6532,
154.4112, 169.1808

26.2571, 26.0410,
28.6763

187.7546,
191.6023, 209.8383

17.1498, 16.8543,
18.5926

229.1736,
234.3315, 256.5377

10.4373, 10.1307,
11.2024

276.2757,
282.9834, 309.6974

5.7543, 5.4857,
6.0873

329.4262,

2.7355, 2.5350,

337.9422, 369.7362

2.8286

388.9905,
399.5924, 437.0723

■ 1.0155, 0.8941,
1.0078

■ 0.0000, 0.0000,
0.0000

■ 71.6019, 72.2233,
79.2739

■ 71.6019, 72.2233,
79.2739

■ 63.9689, 60.2316,
66.6333

■ 80.2910, 85.9986,
93.2752

■ 57.3449, 49.9413,
55.3072

■ 87.2616, 96.0026,
107.7366

■ 51.6882, 41.2774,
45.2533

■ 87.4146, 96.0638,
108.5427

■ 46.9517, 34.1559,
36.4254

■ 43.0844, 28.4850,
28.7743

■ 40.0300, 24.1632,
22.2471

■ 37.7252, 21.0757,
16.7865

■ 36.0966, 19.0882,
12.3291

■ 35.0518, 18.0295,
8.8021

Harmonies

Analogous

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



71.0878, 72.2233, 83.4558



71.6019, 72.2233, 79.2739



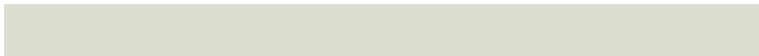
71.3144, 72.2233, 75.0695

Triad

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



71.6019, 72.2233, 79.2739



67.3882, 72.2233, 71.3326



67.0105, 72.2233, 85.7551

Complementary

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



71.6019, 72.2233, 79.2739



71.7605, 78.6327, 84.7980

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.



66.0451, 72.2233, 82.3197



71.6019, 72.2233, 79.2739



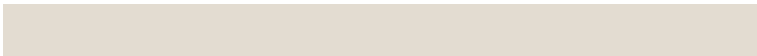
66.2609, 72.2233, 74.0110

Square

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



71.6019, 72.2233, 79.2739



68.8674, 72.2233, 70.5841



65.7727, 72.2233, 78.0073



68.4252, 72.2233, 87.2842

Rectangle

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



71.6019, 72.2233, 79.2739



70.7091, 72.2233, 72.8028



65.7727, 72.2233, 78.0073



66.6236, 72.2233, 84.7789

Sweetspot

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



71.6039, 72.2264, 79.2755



92.8849, 96.5652, 105.4181



71.4970, 71.9954, 87.2198



19.9039, 20.7049, 22.6004



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.



71.6039, 72.2264, 79.2755



86.7069, 86.7970, 95.3804



71.7067, 73.4878, 76.0547



15.2592, 15.1315, 16.6505



19.7951, 10.1207, 4.7221



1.5963, 0.8115, 0.5916

Inverse Universe

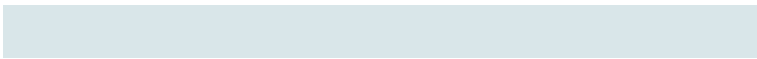
The Inverse Universe completely reimagines the original color for something new.



71.6039, 72.2264, 79.2755



86.7069, 86.7970, 95.3804



71.6410, 77.2676, 88.2298



15.2592, 15.1315, 16.6505



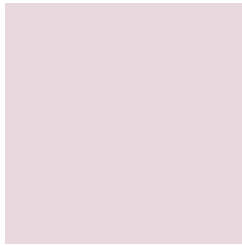
19.7951, 10.1207, 4.7221



1.5963, 0.8115, 0.5916

Previews

White Background



This preview shows how the XYZ color 71.6019, 72.2233, 79.2739 looks on a white background.

Color Contrast Check

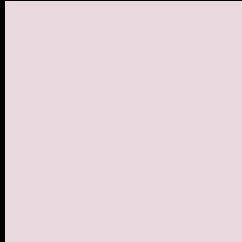
Large Text (above 18pt) WCAG AA × Fail

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 71.6019, 72.2233, 79.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

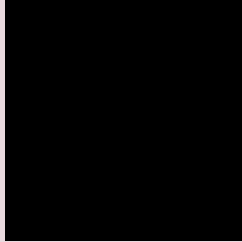
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

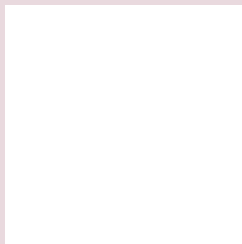
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6019, 72.2233, 79.2739

Background



This preview shows how black text looks on a background with the XYZ color 71.6019, 72.2233, 79.2739.



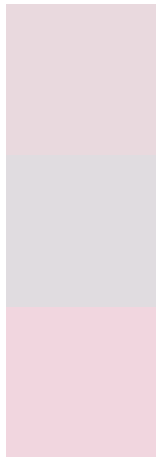
This preview shows how white text looks on a background with the XYZ color 71.6019, 72.2233,

79.2739.

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

71.6019, 72.2233, 79.2739

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

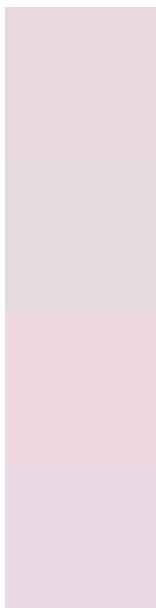
73.6415, 72.1216, 79.8516



Tritanopia

72.7976, 71.9195, 86.3889

Trichromacy



Original Color

71.6019, 72.2233, 79.2739

Protanomaly

70.3294, 72.3216, 80.0648

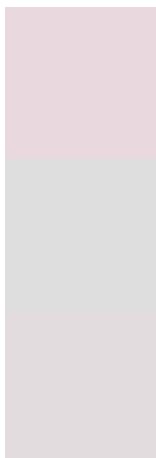
Deuteranomaly

72.8796, 72.1057, 79.8887

Tritanomaly

72.4911, 72.2056, 83.5152

Monochromacy



Original Color

71.6019, 72.2233, 79.2739

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1420, 72.6291, 79.4292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6019, 72.2233, 79.2739 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(233, 217, 222) looks like.

```
.text, #text, p{  
    color:rgb(233, 217, 222)  
}
```

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(233, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 217, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.6019, 72.2233, 79.2739 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(233, 217, 222) }
```


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

```
.border{ border-color:rgb(233, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(233, 217,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6019, 72.2233, 79.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 217, 222) }
```

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

```
.background{ background-color: rgb(233,  
217, 222) }
```

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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