

Converting Colors

XYZ(69.4101, 70.8342, 79.7167)

Have a look what the booklet for
XYZ(69.4101, 70.8342, 79.7167)
contains.

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Color

**XYZ(69.2392, 70.6082,
79.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D8DF
RGB	226, 216, 223
RGB Percent	89%, 85%, 87%
CMY	0.1137, 0.1529, 0.1255
CMYK	0.00, 0.04, 0.01, 0.11
HSL	318°, 15%, 87%
HSV	318°, 4%, 89%
XYZ	69.2392, 70.6082, 79.7915
YIQ	219.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

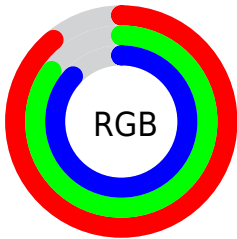
Format	Color
R _Y B	226, 216, 223
Decimal	14866655
CIE Lab	87.29, 4.66, -2.22
CIE LCh	87, 5.160, 334.514
Yxy	70.6082, 0.3152, 0.3215
Android (android.graphics.Color)	4293056735 (0xFFE2D8DF)
YUV	219.7880, 1.5835, 5.4479
Hunter-Lab	84.0287, 0.0329, 2.5198

Details

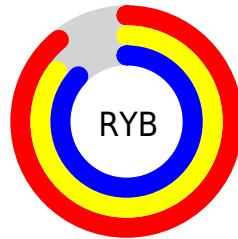
The XYZ color **69.2392, 70.6082, 79.7915** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3041, 74.1080, 77.7258**, and the grayscale version is **67.8689, 71.4034, 77.7583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6073, 36.9748, 42.2532** is the 20% darker color. If you saturate the color by 10%, you get **62.9472, 59.4575, 73.2730**, and if you desaturate by 10%, it is **76.3682, 83.3723, 86.7715**.

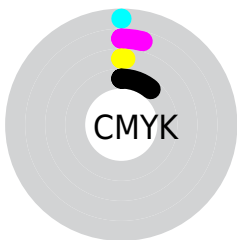
Distribution



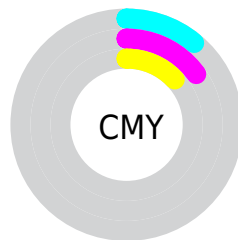
- Red (89%)
- Green (85%)
- Blue (87%)



- Red (89%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2392, 70.6082, 79.7915 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 69.2392, 70.6082, 79.7915 by changing the saturation by 10% instead.

■ 69.2392, 70.6082,
79.7915

■ 69.2392, 70.6082,
79.7915

447.1824,
462.6826, 513.9181

■ 51.1839, 52.0225,
59.0216

117.1554,
120.0757, 134.8813

■ 36.5766, 37.0230,
42.2104

147.7469,
151.7263, 170.0383

■ 25.0520, 25.2253,
28.9393

183.2479,
188.5006, 210.8281

■ 16.2448, 16.2450,
18.7897

224.0238,
230.7831, 257.6693

■ 9.7895, 9.6977,
11.3432

270.4398,
278.9582, 310.9803

■ 5.3208, 5.1990,
6.1811

322.8613,

■ 2.4734, 2.3645,

333.4102, 371.1798

2.8849

381.6537,
394.5236, 438.6862

■ 0.8818, 0.8075,
1.0362

■ 0.0000, 0.0000,
0.0000

■ 69.2392, 70.6082,
79.7915

■ 69.2392, 70.6082,
79.7915

■ 62.9472, 59.4575,
73.2730

■ 76.3682, 83.3723,
86.7715

■ 57.4533, 49.8463,
67.1984

■ 82.3473, 93.7781,
93.5501

■ 52.7248, 41.7084,
61.5554

■ 83.3550, 94.1812,
98.8564

■ 48.7240, 34.9695,
56.3294

■ 84.4005, 94.5994,
104.3621

■ 45.4101, 29.5484,
51.5045

■ 85.1745, 94.9090,
108.4378

■ 42.7380, 25.3558,
47.0635

■ 40.6571, 22.2912,
42.9871

■ 39.1087, 20.2379,
39.2536

■ 38.0213, 19.0540,
35.8367

Harmonies

Analogous

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



68.4417, 70.6082, 82.5187



69.2392, 70.6082, 79.7915



69.4639, 70.6082, 76.3556

Triad

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



69.2392, 70.6082, 79.7915



66.9275, 70.6082, 70.4096



65.2068, 70.6082, 80.7289

Complementary

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



69.2392, 70.6082, 79.7915



68.3041, 74.1080, 77.7258

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.



64.8118, 70.6082, 77.4074



69.2392, 70.6082, 79.7915



65.7977, 70.6082, 71.5049

Square

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



69.2392, 70.6082, 79.7915



68.1199, 70.6082, 71.0049



65.0268, 70.6082, 74.0408



66.1120, 70.6082, 83.0712

Rectangle

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



69.2392, 70.6082, 79.7915



69.2563, 70.6082, 74.1411



65.0268, 70.6082, 74.0408



65.0104, 70.6082, 79.6862

Sweetspot

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



69.2412, 70.6112, 79.7930



94.1189, 98.3346, 107.9830



67.4996, 69.6662, 81.8419



20.1551, 21.0652, 23.1225



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.



69.2412, 70.6112, 79.7930



90.5066, 91.8892, 104.3765



68.5772, 70.3456, 76.2965



14.6312, 14.7863, 16.8861



21.4774, 10.6580, 19.7117



1.5277, 0.7543, 1.5716

Inverse Universe

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



69.2412, 70.6112, 79.7930



90.5066, 91.8892, 104.3765



68.9721, 74.3752, 81.2432



14.6312, 14.7863, 16.8861



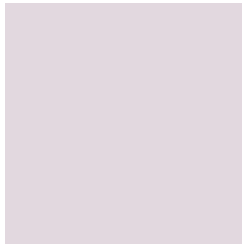
21.4774, 10.6580, 19.7117



1.5277, 0.7543, 1.5716

Previews

White Background



This preview shows how the XYZ color 69.2392, 70.6082, 79.7915 looks on a white background.

Color Contrast Check

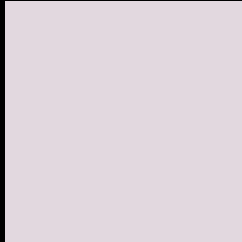
Large Text (above 18pt) WCAG AA × Fail

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 69.2392, 70.6082, 79.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

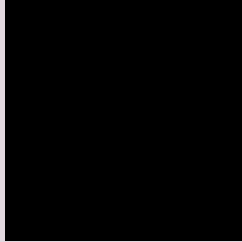
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

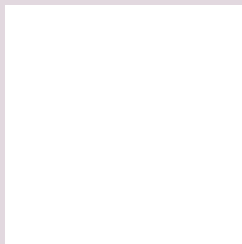
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2392, 70.6082, 79.7915

Background



This preview shows how black text looks on a background with the XYZ color 69.2392, 70.6082, 79.7915.



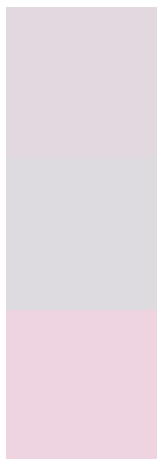
This preview shows how white text looks on a background with the XYZ color 69.2392, 70.6082,

79.7915.

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

69.2392, 70.6082, 79.7915

Protanopia

68.3447, 70.8968, 80.6033

Deuteranopia

71.9231, 70.4733, 80.3330



Tritanopia

70.5445, 70.7580, 86.2835

Trichromacy



Original Color

69.2392, 70.6082, 79.7915

Protanomaly

68.6988, 70.6955, 80.5458

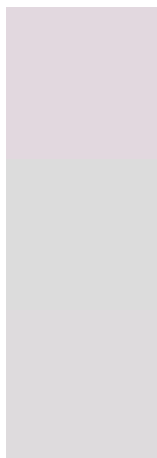
Deuteranomaly

70.8531, 70.2940, 80.3547

Tritanomaly

70.1218, 70.5889, 84.0579

Monochromacy



Original Color

69.2392, 70.6082, 79.7915

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.5069, 71.4131, 78.5800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2392, 70.6082, 79.7915 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(226, 216, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 223)  
}
```

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(226, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.2392, 70.6082, 79.7915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

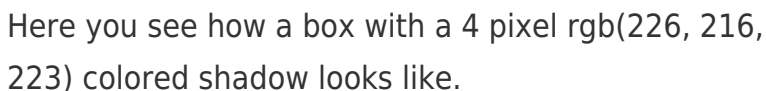
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 216, 223) }
```


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

```
.border{ border-color:rgb(226, 216, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 216, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 216, 223); box-shadow:4px 4px 4px 4px rgb(226, 216, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2392, 70.6082, 79.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 223) }
```

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

```
.background{ background-color: rgb(226,  
216, 223) }
```

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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