

Converting Colors

XYZ(72.6554, 72.2355, 86.1242)

Have a look what the booklet for
XYZ(72.6554, 72.2355, 86.1242)
contains.

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Color

**XYZ(72.7256, 72.2616,
86.4588)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D8E8
RGB	233, 216, 232
RGB Percent	91%, 85%, 91%
CMY	0.0863, 0.1529, 0.0902
CMYK	0.00, 0.07, 0.00, 0.09
HSL	304°, 28%, 88%
HSV	304°, 7%, 91%
XYZ	72.7256, 72.2616, 86.4588
YIQ	222.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

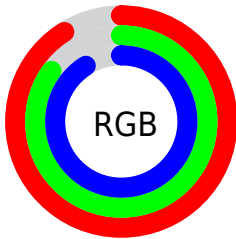
Format	Color
R _Y B	233, 216, 232
Decimal	15325416
CIE Lab	88.09, 8.64, -5.73
CIE LCh	88, 10.364, 326.442
Yxy	72.2616, 0.3142, 0.3122
Android (android.graphics.Color)	4293515496 (0xFFE9D8E8)
YUV	222.9070, 4.4828, 8.8516
Hunter-Lab	85.0068, 3.9496, -0.7979

Details

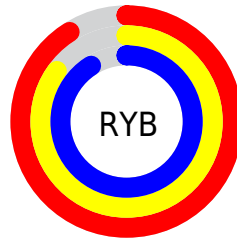
The XYZ color **72.7256, 72.2616, 86.4588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9849, 77.8884, 76.9947**, and the grayscale version is **70.0417, 73.6893, 80.2477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7128, 37.9714, 46.3631** is the 20% darker color. If you saturate the color by 10%, you get **66.9813, 61.0824, 83.5880**, and if you desaturate by 10%, it is **79.3220, 85.1405, 89.6229**.

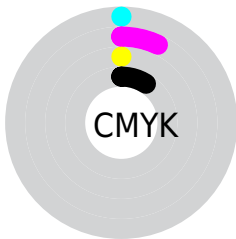
Distribution



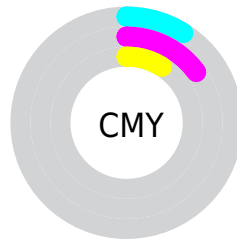
- Red (91%)
- Green (85%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7256, 72.2616, 86.4588 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 72.7256, 72.2616, 86.4588 by changing the saturation by 10% instead.

72.7256, 72.2616,
86.4588

72.7256, 72.2616,
86.4588

459.1818,
468.4516, 536.7128

54.0392, 53.3724,
64.4904

122.0928,
122.4284, 144.3018

38.8638, 38.1001,
46.5992

153.5043,
154.4748, 181.0134

26.8340, 26.0604,
32.3669

189.8883,
191.6756, 223.4764

17.5846, 16.8688,
21.3747

231.6100,
234.4154, 272.1095

10.7500, 10.1410,
13.2043

279.0349,
283.0785, 327.3312

5.9650, 5.4926,
7.4370

332.5282,

2.8643, 2.5391,

338.0493, 389.5599

3.6543

392.4554,
399.7122, 459.2143

■ 1.0824, 0.8961,
1.4377

■ 0.0103, 0.0000,
0.1708

■ 72.7256, 72.2616,
86.4588

■ 72.7256, 72.2616,
86.4588

■ 66.9813, 61.0824,
83.5880

■ 79.3220, 85.1405,
89.6229

■ 62.0474, 51.5225,
80.9939

■ 84.3230, 94.8272,
92.2618

■ 57.8880, 43.5094,
78.6655

■ 84.5215, 94.9066,
93.3074

■ 54.4623, 36.9610,
76.5890

■ 84.7216, 94.9866,
94.3611

51.7253, 31.7878,
74.7496

84.9233, 95.0673,
95.4229

49.6276, 27.8908,
73.1306

85.1264, 95.1485,
96.4927

48.1129, 25.1571,
71.7134

85.3311, 95.2304,
97.5707

47.1150, 23.4549,
70.4758

85.5374, 95.3129,
98.6568

46.5471, 22.6103,
69.3889

85.7452, 95.3960,
99.7510

Harmonies

Analogous

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



70.8237, 72.2616, 91.5277



72.7256, 72.2616, 86.4588



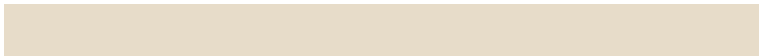
73.5433, 72.2616, 79.5297

Triad

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



72.7256, 72.2616, 86.4588



68.9783, 72.2616, 65.8448



64.5083, 72.2616, 84.9078

Complementary

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



72.7256, 72.2616, 86.4588



69.9849, 77.8884, 76.9947

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.



64.0407, 72.2616, 77.8376



72.7256, 72.2616, 86.4588



66.5848, 72.2616, 67.0957

Square

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



72.7256, 72.2616, 86.4588



71.3473, 72.2616, 67.8593



64.7921, 72.2616, 71.3835



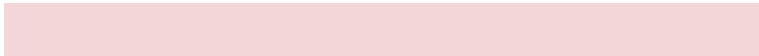
66.0849, 72.2616, 90.5951

Rectangle

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



72.7256, 72.2616, 86.4588



73.3493, 72.2616, 74.8852



64.7921, 72.2616, 71.3835



64.2179, 72.2616, 82.6021

Sweetspot

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



72.7277, 72.2647, 86.4604



93.3963, 96.7698, 108.1106



67.8377, 69.7274, 86.9751



20.0080, 20.7465, 23.1484



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.



72.7277, 72.2647, 86.4604



87.9441, 86.1347, 105.4628



71.5696, 71.8015, 80.3619



15.6743, 15.2976, 18.8362



26.3613, 12.7472, 39.2996



2.0817, 1.0056, 3.1474

Inverse Universe

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



72.7277, 72.2647, 86.4604



87.9441, 86.1347, 105.4628



71.0987, 78.3339, 82.8597



15.6743, 15.2976, 18.8362



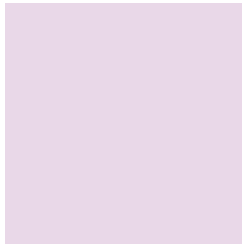
26.3613, 12.7472, 39.2996



2.0817, 1.0056, 3.1474

Previews

White Background



This preview shows how the XYZ color 72.7256, 72.2616, 86.4588 looks on a white background.

Color Contrast Check

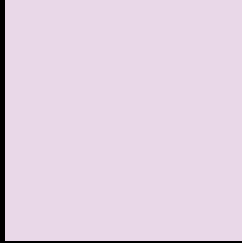
Large Text (above 18pt) WCAG AA × Fail

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 72.7256, 72.2616, 86.4588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

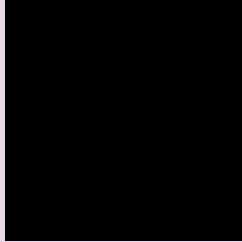
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7256, 72.2616, 86.4588

Background



This preview shows how black text looks on a background with the XYZ color 72.7256, 72.2616, 86.4588.

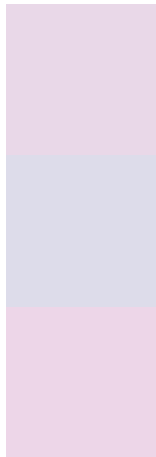


This preview shows how white text looks on a background with the XYZ color 72.7256, 72.2616,

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

72.7256, 72.2616, 86.4588

Protanopia

70.2633, 72.4991, 88.1323

Deuteranopia

73.5371, 71.9239, 86.3508



Tritanopia

72.8681, 72.3186, 87.2091

Trichromacy



Original Color

72.7256, 72.2616, 86.4588

Protanomaly

71.0908, 72.5538, 87.3482

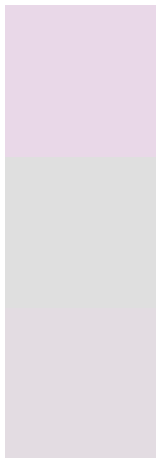
Deuteranomaly

73.4580, 72.2599, 86.4198

Tritanomaly

72.8681, 72.3186, 87.2091

Monochromacy



Original Color

72.7256, 72.2616, 86.4588

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9992, 73.0083, 82.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7256, 72.2616, 86.4588 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, 216, 232) looks like.

```
.text, #text, p{  
    color:rgb(233, 216, 232)  
}
```

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, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 216, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.7256, 72.2616, 86.4588 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, 216, 232) }
```


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

```
.border{ border-color:rgb(233, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 216,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7256, 72.2616, 86.4588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 216, 232) }
```

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

```
.background{ background-color: rgb(233,  
216, 232) }
```

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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