

Converting Colors

XYZ(72.8300, 72.2657, 88.7074)

Have a look what the booklet for
XYZ(72.8300, 72.2657, 88.7074)
contains.

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Color

**XYZ(72.8300, 72.2657,
88.7074)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D8EB
RGB	232, 216, 235
RGB Percent	91%, 85%, 92%
CMY	0.0902, 0.1529, 0.0784
CMYK	0.01, 0.08, 0.00, 0.08
HSL	291°, 32%, 88%
HSV	291°, 8%, 92%
XYZ	72.8300, 72.2657, 88.7074
YIQ	222.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

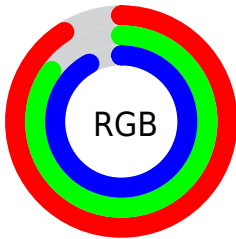
Format	Color
R _Y B	232, 216, 235
Decimal	15259883
CIE Lab	88.10, 8.85, -7.32
CIE LCh	88, 11.481, 320.405
Yxy	72.2657, 0.3115, 0.3091
Android (android.graphics.Color)	4293449963 (0xFFE8D8EB)
YUV	222.9500, 5.9407, 7.9369
Hunter-Lab	85.0092, 4.1602, -2.3628

Details

The XYZ color **72.8300, 72.2657, 88.7074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3191, 79.4365, 76.5432**, and the grayscale version is **70.0630, 73.7117, 80.2721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7860, 37.9745, 47.9334** is the 20% darker color. If you saturate the color by 10%, you get **66.0436, 60.4613, 86.7877**, and if you desaturate by 10%, it is **80.5071, 85.8114, 90.9184**.

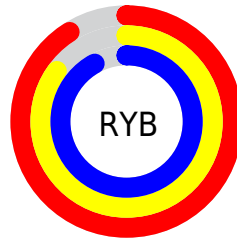
Distribution



Red (91%)

Green (85%)

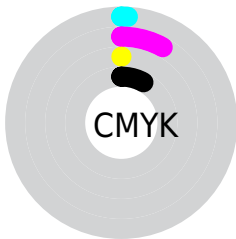
Blue (92%)



Red (91%)

Yellow (85%)

Blue (92%)

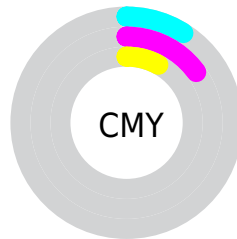


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8300, 72.2657, 88.7074 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 72.8300, 72.2657, 88.7074 by changing the saturation by 10% instead.

72.8300, 72.2657,
88.7074

72.8300, 72.2657,
88.7074

459.5383,
468.4659, 544.2783

54.1249, 53.3758,
66.3414

122.2403,
122.4342, 147.4614

38.9326, 38.1028,
48.0914

153.6761,
154.4816, 184.6865

26.8878, 26.0625,
33.5387

190.0862,
191.6835, 227.7017

17.6251, 16.8704,
22.2650

231.8360,
234.4244, 276.9255

10.7792, 10.1421,
13.8516

279.2907,
283.0887, 332.7766

5.9848, 5.4933,
7.8799

332.8158,

2.8764, 2.5395,

338.0608, 395.6733

3.9315

392.7765,
399.7251, 466.0344

■ 1.0887, 0.8964,
1.5879

■ 0.0157, 0.0000,
0.2821

■ 72.8300, 72.2657,
88.7074

■ 72.8300, 72.2657,
88.7074

■ 66.0436, 60.4613,
86.7877

■ 80.5071, 85.8114,
90.9184

■ 60.1050, 50.3161,
85.1425

■ 86.4954, 95.9428,
92.5584

■ 54.9771, 41.7552,
83.7603

■ 87.7643, 96.5969,
92.6178

■ 50.6179, 34.6944,
82.6272

■ 89.0590, 97.2644,
92.6784

■ 46.9810, 29.0414,
81.7277

■ 90.3798, 97.9453,
92.7402

■ 44.0151, 24.6939,
81.0449

■ 91.7267, 98.6396,
92.8032

■ 41.6620, 21.5355,
80.5593

■ 91.9956, 98.7782,
92.8158

■ 39.8530, 19.4293,
80.2481

■ 38.4923, 18.1838,
80.0794

Harmonies

Analogous

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



70.5412, 72.2657, 93.7038



72.8300, 72.2657, 88.7074



74.0176, 72.2657, 81.2291

Triad

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



72.8300, 72.2657, 88.7074



69.5690, 72.2657, 64.7151



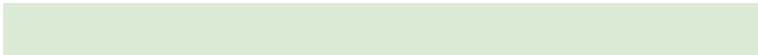
63.8621, 72.2657, 84.0682

Complementary

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



72.8300, 72.2657, 88.7074



71.3191, 79.4365, 76.5432

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.



63.6175, 72.2657, 76.1947



72.8300, 72.2657, 88.7074



66.8644, 72.2657, 65.3635

Square

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



72.8300, 72.2657, 88.7074



72.1021, 72.2657, 67.6131



64.7030, 72.2657, 69.4476



65.3803, 72.2657, 90.9041

Rectangle

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



72.8300, 72.2657, 88.7074



74.0040, 72.2657, 75.9893



64.7030, 72.2657, 69.4476



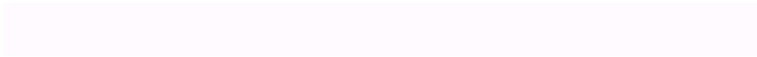
63.6298, 72.2657, 81.4439

Sweetspot

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



72.8321, 72.2688, 88.7090



93.1489, 96.6367, 108.3510



68.6923, 71.3505, 88.7499



19.9576, 20.7195, 23.1973



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.



72.8321, 72.2688, 88.7090



85.9819, 84.0400, 106.2973



72.9154, 72.4156, 84.0215



15.4676, 15.1863, 19.0383



21.3807, 10.0581, 44.5575



1.7416, 0.8221, 3.5018

Inverse Universe

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



71.6055, 71.8916, 77.1238



84.1812, 83.4891, 89.1641



71.2593, 79.3093, 80.8970



15.1624, 15.0928, 16.1408



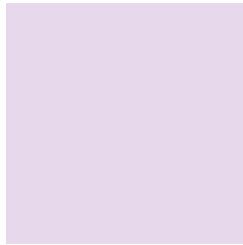
19.2845, 9.9165, 2.0337



1.5436, 0.7904, 0.3140

Previews

White Background



This preview shows how the XYZ color 72.8300, 72.2657, 88.7074 looks on a white background.

Color Contrast Check

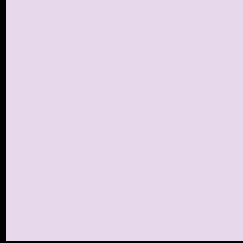
Large Text (above 18pt) WCAG AA × Fail

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 72.8300, 72.2657, 88.7074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

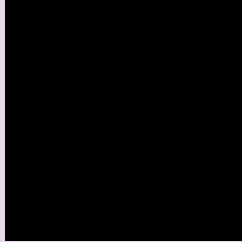
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8300, 72.2657, 88.7074

Background



This preview shows how black text looks on a background with the XYZ color 72.8300, 72.2657, 88.7074.

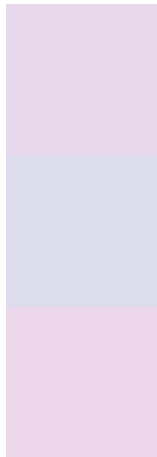


This preview shows how white text looks on a background with the XYZ color 72.8300, 72.2657,

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

72.8300, 72.2657, 88.7074

Protanopia

70.3945, 72.5165, 90.4077

Deuteranopia

73.8879, 72.4319, 88.6837



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

72.8300, 72.2657, 88.7074

Protanomaly

71.2123, 72.5665, 89.6103

Deuteranomaly

73.5568, 72.2612, 88.6682

Tritanomaly

72.6859, 72.2081, 87.9485

Monochromacy



Original Color

72.8300, 72.2657, 88.7074

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8224, 72.9012, 83.0116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8300, 72.2657, 88.7074 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, 216, 235) looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 235)  
}
```

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, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 235) }
```

Border

The CSS property to change the border of an element to XYZ 72.8300, 72.2657, 88.7074 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, 216, 235) }
```


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

```
.border{ border-color:rgb(232, 216, 235) }
```

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

Here you see how a box with a 4 pixel rgb(232, 216, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8300, 72.2657, 88.7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 235) }
```

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

```
.background{ background-color: rgb(232,  
216, 235) }
```

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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