

Converting Colors

XYZ(74.0254, 72.1938, 95.9336)

Have a look what the booklet for
XYZ(74.0254, 72.1938, 95.9336)
contains.

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Color

**XYZ(73.9083, 72.2883,
95.6456)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D7F4
RGB	232, 215, 244
RGB Percent	91%, 84%, 96%
CMY	0.0902, 0.1568, 0.0431
CMYK	0.05, 0.12, 0.00, 0.04
HSL	275°, 57%, 90%
HSV	275°, 12%, 96%
XYZ	73.9083, 72.2883, 95.6456
YIQ	223.3890, 0.8230, 12.6230

Conversions

Conversions Part 2

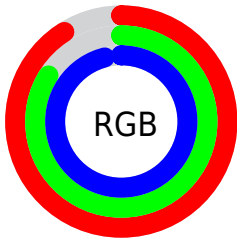
Format	Color
R _Y B	232, 215, 244
Decimal	15259636
CIE Lab	88.11, 11.05, -12.05
CIE LCh	88, 16.346, 312.521
Yxy	72.2883, 0.3056, 0.2989
Android (android.graphics.Color)	4293449716 (0xFFE8D7F4)
YUV	223.3890, 10.1612, 7.5518
Hunter-Lab	85.0225, 6.3769, -7.1822

Details

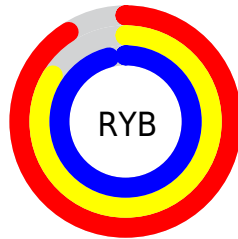
The XYZ color **73.9083, 72.2883, 95.6456** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.2975, 85.9404, 76.8603**, and the grayscale version is **70.3472, 74.0107, 80.5977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5524, 38.0026, 52.8275** is the 20% darker color. If you saturate the color by 10%, you get **64.9691, 59.1358, 93.5792**, and if you desaturate by 10%, it is **83.9667, 87.3972, 98.0329**.

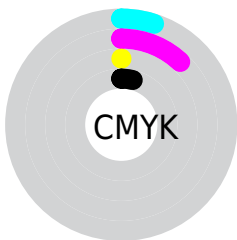
Distribution



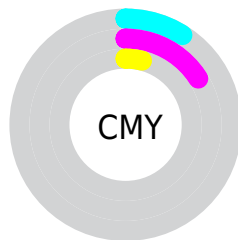
- Red (91%)
- Green (84%)
- Blue (96%)



- Red (91%)
- Yellow (84%)
- Blue (96%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9083, 72.2883, 95.6456 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 73.9083, 72.2883, 95.6456 by changing the saturation by 10% instead.

73.9083, 72.2883,
95.6456

73.9083, 72.2883,
95.6456

463.2120,
468.5444, 567.2668

55.0100, 53.3942,
72.0726

123.7620,
122.4663, 157.1595

39.6436, 38.1176,
52.7308

155.4481,
154.5191, 195.9374

27.4437, 26.0739,
37.2016

192.1276,
191.7268, 240.6207

18.0451, 16.8790,
25.0666

234.1657,
234.4740, 291.6279

11.0822, 10.1482,
15.9072

281.9278,
283.1449, 349.3776

6.1899, 5.4974,
9.3049

335.7794,

3.0026, 2.5419,

338.1240, 414.2883

4.8411

396.0856,
399.7957, 486.7785

■ 1.1552, 0.8976,
2.0972

■ 0.0705, 0.0000,
0.6141

■ 73.9083, 72.2883,
95.6456

■ 73.9083, 72.2883,
95.6456

■ 64.9691, 59.1358,
93.5792

■ 83.9667, 87.3972,
98.0329

■ 57.0986, 47.8471,
91.8150

■ 92.3056, 98.7840,
99.7912

■ 50.2519, 38.3358,
90.3400

■ 93.3293, 99.3117,
99.8391

■ 44.3780, 30.5047,
89.1381

■ 39.4211, 24.2473,
88.1915

■ 35.3188, 19.4443,
87.4807

■ 32.0001, 15.9587,
86.9828

■ 29.3799, 13.6258,
86.6706

■ 27.6617, 12.3738,
86.5195

Harmonies

Analogous

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



70.3485, 72.2883, 101.6227



73.9083, 72.2883, 95.6456



76.1211, 72.2883, 85.3466

Triad

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



73.9083, 72.2883, 95.6456



70.9878, 72.2883, 59.9295



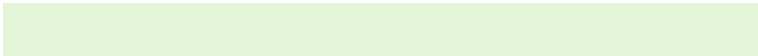
61.6357, 72.2883, 83.4640

Complementary

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



73.9083, 72.2883, 95.6456



76.2975, 85.9404, 76.8603

Split Complementary

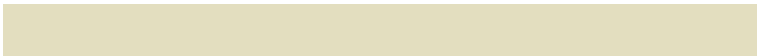
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7923, 72.2883, 72.4261



73.9083, 72.2883, 95.6456



67.0930, 72.2883, 59.5289

Square

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



73.9083, 72.2883, 95.6456



74.3916, 72.2883, 65.0528



63.7573, 72.2883, 63.9012



63.3213, 72.2883, 94.1554

Rectangle

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



73.9083, 72.2883, 95.6456



76.4851, 72.2883, 77.7677



63.7573, 72.2883, 63.9012



61.4766, 72.2883, 79.6592

Sweetspot

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



73.9104, 72.2914, 95.6472



90.3460, 92.8721, 107.7721



71.8481, 75.9653, 96.4650



19.1533, 19.6001, 23.0237



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.



73.9104, 72.2914, 95.6472



79.4719, 76.6046, 105.2053



77.5752, 74.2228, 93.9158



16.5121, 16.4066, 20.8391



15.1998, 6.8101, 47.0514



1.4526, 0.6587, 4.1408

Inverse Universe

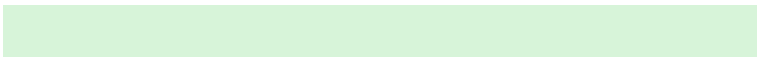
The Inverse Universe completely reimagines the original color for something new.



75.4762, 73.3832, 82.8627



81.5117, 78.0245, 88.6615



72.9563, 84.1818, 78.3370



16.7835, 16.5963, 18.6065



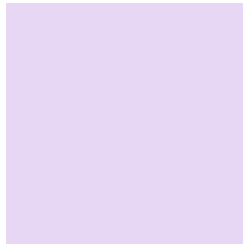
21.6269, 10.9942, 8.0097



1.9507, 0.9862, 0.9666

Previews

White Background



This preview shows how the XYZ color 73.9083, 72.2883, 95.6456 looks on a white background.

Color Contrast Check

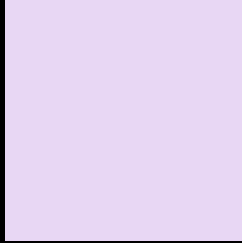
Large Text (above 18pt) WCAG AA × Fail

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 73.9083, 72.2883, 95.6456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

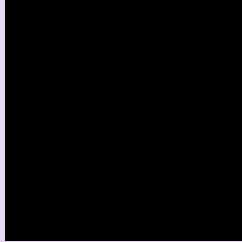
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9083, 72.2883, 95.6456

Background



This preview shows how black text looks on a background with the XYZ color 73.9083, 72.2883, 95.6456.



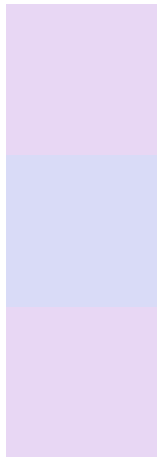
This preview shows how white text looks on a background with the XYZ color 73.9083, 72.2883,

95.6456.

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

73.9083, 72.2883, 95.6456

Protanopia

70.7353, 72.1301, 98.1900

Deuteranopia

73.9083, 72.2883, 95.6456



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

73.9083, 72.2883, 95.6456

Protanomaly

71.8302, 72.3262, 97.3633

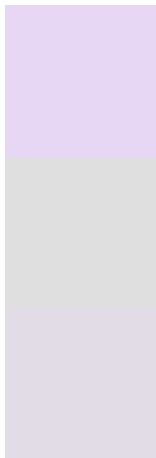
Deuteranomaly

73.9083, 72.2883, 95.6456

Tritanomaly

72.9435, 72.2737, 90.9946

Monochromacy



Original Color

73.9083, 72.2883, 95.6456

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3810, 73.1247, 85.9536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9083, 72.2883, 95.6456 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, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 73.9083, 72.2883, 95.6456 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, 215, 244) }
```


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

```
.border{ border-color:rgb(232, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9083, 72.2883, 95.6456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 244) }
```

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

```
.background{ background-color: rgb(232,  
215, 244) }
```

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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