

Converting Colors

XYZ(72.6463, 72.8688, 91.8976)

Have a look what the booklet for
XYZ(72.6463, 72.8688, 91.8976)
contains.

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Color

**XYZ(72.6463, 72.8688,
91.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DAEF
RGB	228, 218, 239
RGB Percent	89%, 85%, 94%
CMY	0.1059, 0.1451, 0.0627
CMYK	0.05, 0.09, 0.00, 0.06
HSL	269°, 40%, 90%
HSV	269°, 9%, 94%
XYZ	72.6463, 72.8688, 91.8976
YIQ	223.3840, -0.7810, 8.6510

Conversions

Conversions Part 2

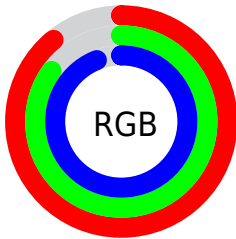
Format	Color
R _Y B	228, 218, 239
Decimal	14998255
CIE Lab	88.39, 7.22, -9.03
CIE LCh	88, 11.562, 308.626
Yxy	72.8688, 0.3060, 0.3069
Android (android.graphics.Color)	4293188335 (0xFFE4DAEF)
YUV	223.3840, 7.6987, 4.0482
Hunter-Lab	85.3632, 2.5225, -4.0743

Details

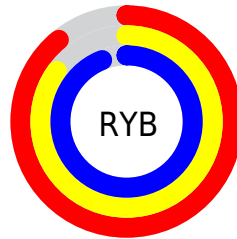
The XYZ color **72.6463, 72.8688, 91.8976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8372, 83.4549, 78.4447**, and the grayscale version is **70.3615, 74.0257, 80.6140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8780, 38.4975, 50.1814** is the 20% darker color. If you saturate the color by 10%, you get **63.0611, 59.3824, 89.8008**, and if you desaturate by 10%, it is **83.4172, 88.2970, 94.3090**.

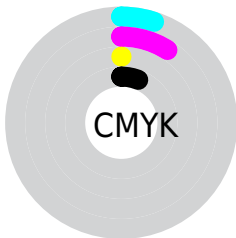
Distribution



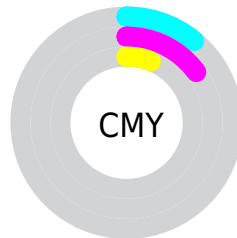
- Red (89%)
- Green (85%)
- Blue (94%)



- Red (89%)
- Yellow (85%)
- Blue (94%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6463, 72.8688, 91.8976 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 72.6463, 72.8688, 91.8976 by changing the saturation by 10% instead.

72.6463, 72.8688,
91.8976

72.6463, 72.8688,
91.8976

458.9108,
470.5600, 554.9131

53.9741, 53.8687,
68.9730

121.9808,
123.2909, 151.9299

38.8116, 38.4967,
50.2181

153.3738,
155.4818, 189.8748

26.7932, 26.3684,
35.2143

189.7379,
192.8383, 233.6634

17.5538, 17.0995,
23.5432

231.4383,
235.7449, 283.7144

10.7279, 10.3054,
14.7860

278.8405,
284.5859, 340.4464

5.9501, 5.6019,
8.5244

332.3097,

2.8551, 2.6046,

339.7459, 404.2778

4.3397

392.2114,
401.6091, 475.6272

■ 1.0776, 0.9290,
1.8135

■ 0.0063, 0.0000,
0.4368

■ 72.6463, 72.8688,
91.8976

■ 72.6463, 72.8688,
91.8976

■ 63.0611, 59.3824,
89.8008

■ 83.4172, 88.2970,
94.3090

■ 54.6109, 47.7493,
88.0007

■ 91.8642, 98.6430,
95.8607

■ 47.2510, 37.8876,
86.4851

■ 92.5802, 99.0121,
95.8942

■ 40.9306, 29.7059,
85.2390

■ 35.5948, 23.1040,
84.2460

■ 31.1828, 17.9709,
83.4877

■ 27.6261, 14.1802,
82.9435

■ 24.8446, 11.5832,
82.5888

■ 22.7230, 9.9611,
82.3875

Harmonies

Analogous

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



70.0635, 72.8688, 95.4407



72.6463, 72.8688, 91.8976



74.3516, 72.8688, 85.0464

Triad

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



72.6463, 72.8688, 91.8976



71.2239, 72.8688, 65.9370



64.1137, 72.8688, 81.6572

Complementary

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



72.6463, 72.8688, 91.8976



75.8372, 83.4549, 78.4447

Split Complementary

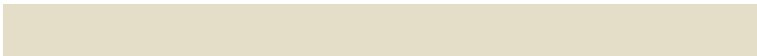
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.4056, 72.8688, 73.8981



72.6463, 72.8688, 91.8976



68.4619, 72.8688, 65.1633

Square

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



72.6463, 72.8688, 91.8976



73.5152, 72.8688, 70.1741



65.9798, 72.8688, 67.9850



65.1715, 72.8688, 89.2749

Rectangle

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



72.6463, 72.8688, 91.8976



74.7357, 72.8688, 79.7091



65.9798, 72.8688, 67.9850



64.0578, 72.8688, 78.9755

Sweetspot

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



72.6484, 72.8719, 91.8992



91.1988, 94.4636, 108.0343



72.5708, 77.2895, 92.7560



19.3046, 19.9099, 23.0755



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.



72.6484, 72.8719, 91.8992



81.5442, 80.7095, 105.8884



76.0142, 74.6070, 92.0567



15.6132, 15.5978, 19.9094



12.5790, 5.4901, 45.5246



1.1606, 0.5156, 3.7926

Inverse Universe

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



74.8134, 74.1540, 84.5025



84.6692, 82.5603, 95.1985



72.6473, 81.8105, 78.2954



16.1187, 15.8972, 18.1815



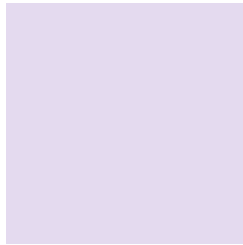
21.7914, 10.9890, 12.0841



1.8631, 0.9343, 1.2700

Previews

White Background



This preview shows how the XYZ color 72.6463, 72.8688, 91.8976 looks on a white background.

Color Contrast Check

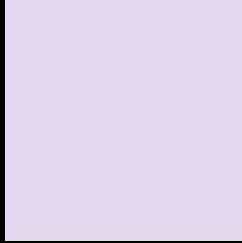
Large Text (above 18pt) WCAG AA × Fail

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 72.6463, 72.8688, 91.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

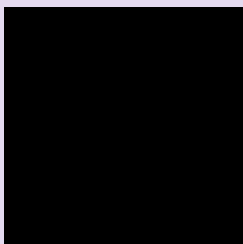
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6463, 72.8688, 91.8976

Background



This preview shows how black text looks on a background with the XYZ color 72.6463, 72.8688, 91.8976.



This preview shows how white text looks on a background with the XYZ color 72.6463, 72.8688,

91.8976.

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

72.6463, 72.8688, 91.8976

Protanopia

70.8366, 72.6933, 92.7358

Deuteranopia

74.1414, 72.4950, 91.7466



Tritanopia

72.1504, 73.0501, 89.6542

Trichromacy



Original Color

72.6463, 72.8688, 91.8976

Protanomaly

71.4911, 72.6423, 92.6915

Deuteranomaly

73.4146, 72.4995, 91.7858

Tritanomaly

72.2961, 73.1084, 90.4217

Monochromacy



Original Color

72.6463, 72.8688, 91.8976

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0506, 73.3776, 84.5473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6463, 72.8688, 91.8976 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(228, 218, 239) looks like.

```
.text, #text, p{  
    color:rgb(228, 218, 239)  
}
```

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(228, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 218, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.6463, 72.8688, 91.8976 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(228, 218, 239) }
```


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

```
.border{ border-color:rgb(228, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(228, 218,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6463, 72.8688, 91.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 218, 239) }
```

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

```
.background{ background-color: rgb(228,  
218, 239) }
```

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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