

Converting Colors

XYZ(72.7048, 73.1032, 96.3816)

Have a look what the booklet for
XYZ(72.7048, 73.1032, 96.3816)
contains.

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Color

**XYZ(72.8643, 73.2632,
96.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DBF5
RGB	225, 219, 245
RGB Percent	88%, 86%, 96%
CMY	0.1176, 0.1412, 0.0392
CMYK	0.08, 0.11, 0.00, 0.04
HSL	254°, 57%, 91%
HSV	254°, 11%, 96%
XYZ	72.8643, 73.2632, 96.6870
YIQ	223.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

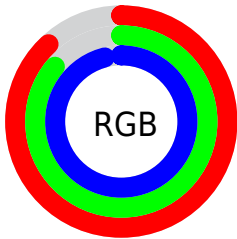
Format	Color
R _Y B	225, 219, 245
Decimal	14801909
CIE Lab	88.57, 6.86, -11.94
CIE LCh	89, 13.769, 299.900
Yxy	73.2632, 0.3001, 0.3017
Android (android.graphics.Color)	4292991989 (0xFFE1DBF5)
YUV	223.7580, 10.4723, 1.0892
Hunter-Lab	85.5939, 2.1639, -7.0583

Details

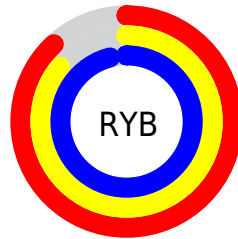
The XYZ color **72.8643, 73.2632, 96.6870** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0378, 88.7719, 79.8850**, and the grayscale version is **70.6108, 74.2880, 80.8996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0383, 38.7711, 53.5701** is the 20% darker color. If you saturate the color by 10%, you get **61.3823, 58.5452, 94.4525**, and if you desaturate by 10%, it is **85.9400, 90.2031, 99.2687**.

Distribution



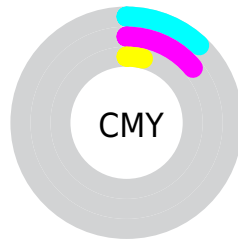
- Red (88%)
- Green (86%)
- Blue (96%)



- Red (88%)
- Yellow (86%)
- Blue (96%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8643, 73.2632, 96.6870 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 72.8643, 73.2632, 96.6870 by changing the saturation by 10% instead.

72.8643, 73.2632,
96.6870

72.8643, 73.2632,
96.6870

459.6554,
471.9265, 570.6735

54.1530, 54.1912,
72.9352

122.2887,
123.8508, 158.6088

38.9551, 38.7545,
53.4315

153.7325,
156.1352, 197.6159

26.9054, 26.5688,
37.7573

190.1512,
193.5925, 242.5452

17.6384, 17.2497,
25.4940

231.9102,
236.6071, 293.8152

10.7888, 10.4127,
16.2231

279.3747,
285.5634, 351.8445

5.9912, 5.6734,
9.5261

332.9102,

2.8804, 2.6475,

340.8458, 417.0516

4.9844

392.8820,
402.8387, 489.8551

■ 1.0908, 0.9506,
2.1796

■ 0.0174, 0.0000,
0.6625

■ 72.8643, 73.2632,
96.6870

■ 72.8643, 73.2632,
96.6870

■ 61.3823, 58.5452,
94.4525

■ 85.9400, 90.2031,
99.2687

■ 51.4255, 45.9473,
92.5456

■ 93.4816, 99.3727,
100.6411

■ 42.9302, 35.3731,
90.9523

■ 35.8252, 26.7154,
89.6557

■ 30.0336, 19.8569,
88.6371

■ 25.4701, 14.6669,
87.8759

■ 22.0390, 10.9967,
87.3483

■ 19.6287, 8.6700,
87.0262

■ 18.1415, 7.4484,
86.8688

Harmonies

Analogous

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



69.6233, 73.2632, 99.4788



72.8643, 73.2632, 96.6870



75.3027, 73.2632, 89.2925

Triad

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



72.8643, 73.2632, 96.6870



72.8842, 73.2632, 64.9810



63.4459, 73.2632, 79.7393

Complementary

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



72.8643, 73.2632, 96.6870



81.0378, 88.7719, 79.8850

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.



64.2581, 73.2632, 70.9519



72.8643, 73.2632, 96.6870



69.6456, 73.2632, 62.8550

Square

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



72.8643, 73.2632, 96.6870



75.3144, 73.2632, 71.0031



66.5015, 73.2632, 64.9532



64.2475, 73.2632, 89.2329

Rectangle

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



72.8643, 73.2632, 96.6870



76.1080, 73.2632, 83.0194



66.5015, 73.2632, 64.9532



63.5388, 73.2632, 76.6088

Sweetspot

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



72.8665, 73.2663, 96.6886



90.5257, 94.1166, 108.0028



76.6712, 83.6027, 98.4832



19.1233, 19.8165, 23.0670



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.



72.8665, 73.2663, 96.6886



76.6034, 76.1228, 105.2635



76.9522, 75.3726, 96.8798



15.9388, 16.1111, 20.8123



9.8727, 4.0639, 46.8021



0.9543, 0.4018, 4.1175

Inverse Universe

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



78.5702, 76.3108, 92.2533



84.1645, 80.1601, 99.3181



76.9201, 86.6491, 79.6923



17.0405, 16.6991, 19.9599



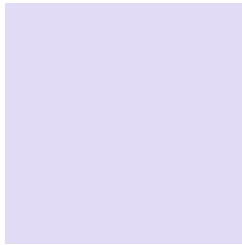
25.2600, 12.4474, 27.1410



2.2589, 1.1095, 2.5899

Previews

White Background



This preview shows how the XYZ color 72.8643, 73.2632, 96.6870 looks on a white background.

Color Contrast Check

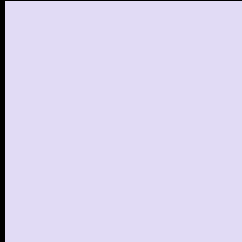
Large Text (above 18pt) WCAG AA × Fail

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 72.8643, 73.2632, 96.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

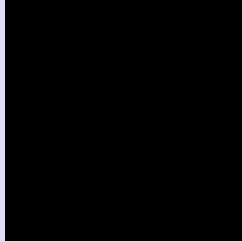
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8643, 73.2632, 96.6870

Background



This preview shows how black text looks on a background with the XYZ color 72.8643, 73.2632, 96.6870.



This preview shows how white text looks on a background with the XYZ color 72.8643, 73.2632,

96.6870.

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

72.8643, 73.2632, 96.6870

Protanopia

71.7044, 73.4268, 97.5823

Deuteranopia

74.7947, 73.0892, 97.3543



Tritanopia

71.7663, 73.2067, 91.2367

Trichromacy



Original Color

72.8643, 73.2632, 96.6870

Protanomaly

72.0465, 73.2124, 97.5229

Deuteranomaly

74.0805, 73.1025, 97.3945

Tritanomaly

72.2109, 73.3846, 93.5778

Monochromacy



Original Color

72.8643, 73.2632, 96.6870

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4272, 73.9160, 86.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8643, 73.2632, 96.6870 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(225, 219, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 219, 245)  
}
```

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(225, 219, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 219, 245) }
```

Border

The CSS property to change the border of an element to XYZ 72.8643, 73.2632, 96.6870 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(225, 219, 245) }
```


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

```
.border{ border-color:rgb(225, 219, 245) }
```

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

Here you see how a box with a 4 pixel rgb(225, 219, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 219, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 219, 245);  
box-shadow:4px 4px 4px 4px rgb(225, 219,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8643, 73.2632, 96.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 219, 245) }
```

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

```
.background{ background-color: rgb(225,  
219, 245) }
```

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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