

Converting Colors

XYZ(72.1505, 69.1816, 94.0312)

Have a look what the booklet for
XYZ(72.1505, 69.1816, 94.0312)
contains.

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Color

**XYZ(72.2568, 69.2278,
94.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D1F3
RGB	232, 209, 243
RGB Percent	91%, 82%, 95%
CMY	0.0902, 0.1804, 0.0471
CMYK	0.05, 0.14, 0.00, 0.05
HSL	281°, 59%, 89%
HSV	281°, 14%, 95%
XYZ	72.2568, 69.2278, 94.3480
YIQ	219.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

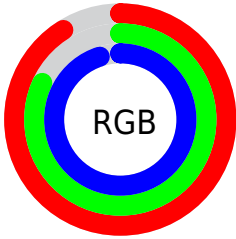
Format	Color
R _Y B	232, 209, 243
Decimal	15258099
CIE _{Lab}	86.62, 14.02, -13.75
CIE _{LCh}	87, 19.636, 315.566
Y _{xy}	69.2278, 0.3064, 0.2935
Android (android.graphics.Color)	4293448179 (0xFFE8D1F3)
Y _{UV}	219.7530, 11.4608, 10.7406
Hunter-Lab	83.2032, 9.4104, -8.9894

Details

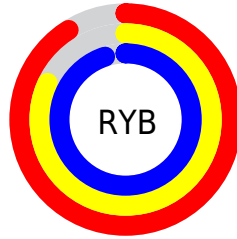
The XYZ color **72.2568, 69.2278, 94.3480** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0770, 83.9221, 72.6721**, and the grayscale version is **67.7784, 71.3082, 77.6546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5955, 36.2607, 51.9785** is the 20% darker color. If you saturate the color by 10%, you get **64.2488, 56.9154, 92.3946**, and if you desaturate by 10%, it is **81.2924, 83.4236, 96.6129**.

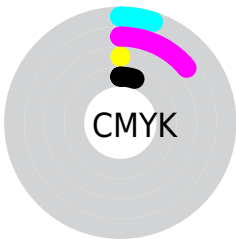
Distribution



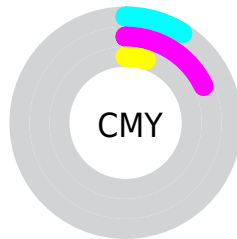
- Red (91%)
- Green (82%)
- Blue (95%)



- Red (91%)
- Yellow (82%)
- Blue (95%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2568, 69.2278, 94.3480 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 72.2568, 69.2278, 94.3480 by changing the saturation by 10% instead.

72.2568, 69.2278,
94.3480

72.2568, 69.2278,
94.3480

457.5787,
457.8340, 563.0065

53.6547, 50.8973,
70.9985

121.4304,
118.1069, 155.3514

38.5552, 36.1268,
51.8592

152.7326,
149.4242, 193.8423

26.5931, 24.5322,
36.5114

188.9988,
185.8393, 238.2176

17.4028, 15.7289,
24.5366

230.5945,
227.7364, 288.8956

10.6192, 9.3325,
15.5163

277.8850,
275.5001, 346.2950

5.8768, 4.9587,
9.0319

331.2356,

2.8103, 2.2230,

329.5146, 410.8342

4.6649

391.0117,
390.1645, 482.9319

■ 1.0542, 0.7325,
1.9967

■ 0.0000, 0.0000,
0.5533

■ 72.2568, 69.2278,
94.3480

■ 72.2568, 69.2278,
94.3480

■ 64.2488, 56.9154,
92.3946

■ 81.2924, 83.4236,
96.6129

■ 57.2197, 46.3945,
90.7343

■ 90.5524, 97.8977,
98.9186

■ 51.1258, 37.5790,
89.3539

■ 93.1779, 99.2511,
99.0415

■ 45.9175, 30.3719,
88.2373

■ 41.5402, 24.6662,
87.3667

■ 37.9324, 20.3416,
86.7221

■ 35.0235, 17.2588,
86.2804

■ 32.7271, 15.2479,
86.0133

■ 31.5654, 14.4037,
85.9116

Harmonies

Analogous

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



68.1786, 69.2278, 102.2308



72.2568, 69.2278, 94.3480



74.6556, 69.2278, 81.8078

Triad

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



72.2568, 69.2278, 94.3480



68.0076, 69.2278, 53.5911



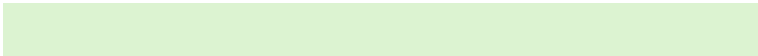
57.7131, 69.2278, 82.3146

Complementary

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



72.2568, 69.2278, 94.3480



73.0770, 83.9221, 72.6721

Split Complementary

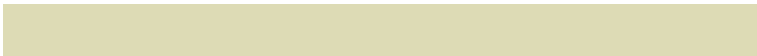
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.6720, 69.2278, 69.2929



72.2568, 69.2278, 94.3480



63.4753, 69.2278, 53.6934

Square

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



72.2568, 69.2278, 94.3480



72.1266, 69.2278, 58.8393



59.7378, 69.2278, 59.1370



59.8527, 69.2278, 94.7557

Rectangle

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



72.2568, 69.2278, 94.3480



74.9118, 69.2278, 72.9692



59.7378, 69.2278, 59.1370



57.4568, 69.2278, 77.8378

Sweetspot

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



72.2589, 69.2308, 94.3495



90.6781, 93.0433, 107.7876



68.1557, 71.3909, 94.9827



19.2375, 19.6435, 23.0276



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.



72.2589, 69.2308, 94.3495



77.7727, 72.8283, 104.5659



75.0995, 70.7925, 90.0840



16.6620, 16.4839, 20.8461



17.4712, 7.9811, 47.1577



1.6428, 0.7567, 4.1497

Inverse Universe

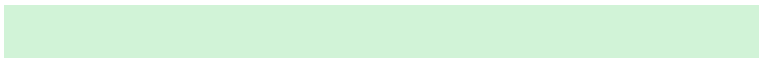
The Inverse Universe completely reimagines the original color for something new.



72.6833, 69.8260, 77.3606



78.3792, 73.6454, 81.8028



70.5705, 82.5475, 76.2826



16.7201, 16.5709, 18.2728



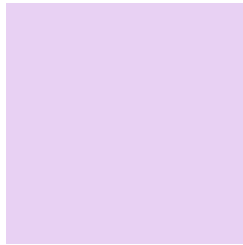
21.1079, 10.7866, 5.2765



1.9003, 0.9661, 0.7014

Previews

White Background



This preview shows how the XYZ color 72.2568, 69.2278, 94.3480 looks on a white background.

Color Contrast Check

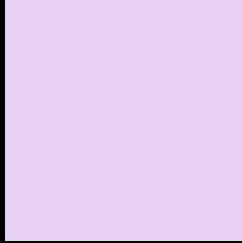
Large Text (above 18pt) WCAG AA × Fail

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 72.2568, 69.2278, 94.3480 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 72.2568, 69.2278, 94.3480

Background



This preview shows how black text looks on a background with the XYZ color 72.2568, 69.2278, 94.3480.



This preview shows how white text looks on a background with the XYZ color 72.2568, 69.2278,

94.3480.

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

72.2568, 69.2278, 94.3480

Protanopia

68.2403, 69.3133, 97.7778

Deuteranopia

70.8360, 69.2283, 94.4230



Tritanopia

70.1802, 69.5114, 83.1169

Trichromacy



Original Color

72.2568, 69.2278, 94.3480

Protanomaly

69.6422, 69.3024, 96.8949

Deuteranomaly

71.2192, 69.0582, 94.3699

Tritanomaly

70.9572, 69.4606, 86.7582

Monochromacy



Original Color

72.2568, 69.2278, 94.3480

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.2999, 70.5605, 83.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2568, 69.2278, 94.3480 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, 209, 243)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 243)  
}
```

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, 209, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 243) }
```

Border

The CSS property to change the border of an element to XYZ 72.2568, 69.2278, 94.3480 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, 209, 243) }
```


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

```
.border{ border-color:rgb(232, 209, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2568, 69.2278, 94.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 243) }
```

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

```
.background{ background-color: rgb(232,  
209, 243) }
```

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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