

Converting Colors

XYZ(72.0665, 70.2255, 95.0371)

Have a look what the booklet for
XYZ(72.0665, 70.2255, 95.0371)
contains.

XYZ(72.1857, 70.2766, 95.3481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.1857, 70.2766,
95.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D4F4
RGB	229, 212, 244
RGB Percent	90%, 83%, 96%
CMY	0.1020, 0.1686, 0.0431
CMYK	0.06, 0.13, 0.00, 0.04
HSL	272°, 59%, 89%
HSV	272°, 13%, 96%
XYZ	72.1857, 70.2766, 95.3481
YIQ	220.7310, -0.1400, 13.5560

Conversions

Conversions Part 2

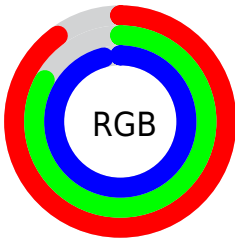
Format	Color
R _Y B	229, 212, 244
Decimal	15062260
CIE Lab	87.13, 11.65, -13.53
CIE LCh	87, 17.853, 310.729
Yxy	70.2766, 0.3035, 0.2955
Android (android.graphics.Color)	4293252340 (0xFFE5D4F4)
YUV	220.7310, 11.4716, 7.2519
Hunter-Lab	83.8311, 6.9991, -8.7536

Details

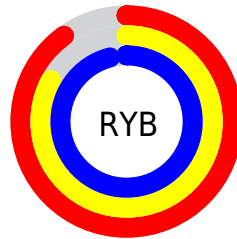
The XYZ color **72.1857, 70.2766, 95.3481** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.9154, 85.7876, 74.8482**, and the grayscale version is **68.4626, 72.0280, 78.4385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3677, 36.6290, 52.6249** is the 20% darker color. If you saturate the color by 10%, you get **63.0113, 57.1678, 93.3025**, and if you desaturate by 10%, it is **82.5265, 85.3587, 97.7153**.

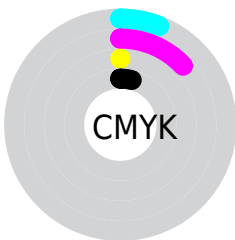
Distribution



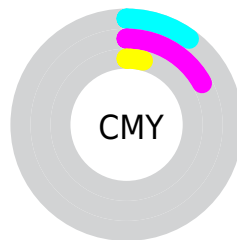
- Red (90%)
- Green (83%)
- Blue (96%)



- Red (90%)
- Yellow (83%)
- Blue (96%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1857, 70.2766, 95.3481 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 72.1857, 70.2766, 95.3481 by changing the saturation by 10% instead.

72.1857, 70.2766,
95.3481

72.1857, 70.2766,
95.3481

457.3353,
461.5206, 566.2916

53.5964, 51.7521,
71.8262

121.3299,
119.6031, 156.7451

38.5085, 36.8075,
52.5308

152.6155,
151.1739, 195.4574

26.5566, 25.0585,
37.0432

188.8639,
187.8622, 240.0702

17.3753, 16.1206,
24.9449

230.4404,
230.0524, 291.0022

10.5994, 9.6095,
15.8173

277.7105,
278.1290, 348.6717

5.8635, 5.1409,
9.2420

331.0394,

2.8021, 2.3301,

332.4763, 413.4974

4.8004

390.7926,
393.4787, 485.8979

■ 1.0500, 0.7896,
2.0740

■ 0.0000, 0.0000,
0.6002

■ 72.1857, 70.2766,
95.3481

■ 72.1857, 70.2766,
95.3481

■ 63.0113, 57.1678,
93.3025

■ 82.5265, 85.3587,
97.7153

■ 54.9512, 45.9386,
91.5598

■ 92.1904, 98.7246,
99.7858

■ 47.9584, 36.5008,
90.1067

■ 93.3293, 99.3117,
99.8391

■ 41.9798, 28.7555,
88.9268

■ 36.9573, 22.5939,
88.0022

■ 32.8260, 17.8939,
87.3128

■ 29.5114, 14.5150,
86.8353

■ 26.9244, 12.2868,
86.5415

■ 25.4765, 11.2473,
86.4172

Harmonies

Analogous

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



68.3053, 70.2766, 101.4722



72.1857, 70.2766, 95.3481



74.6844, 70.2766, 84.3809

Triad

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



72.1857, 70.2766, 95.3481



69.4872, 70.2766, 56.7592



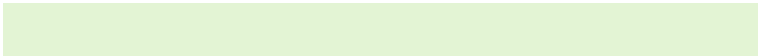
59.1965, 70.2766, 80.8908

Complementary

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



72.1857, 70.2766, 95.3481



75.9154, 85.7876, 74.8482

Split Complementary

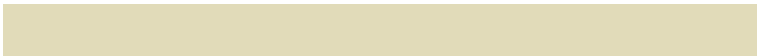
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.4832, 70.2766, 69.1618



72.1857, 70.2766, 95.3481



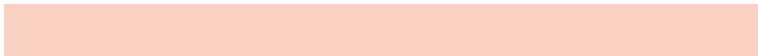
65.3087, 70.2766, 56.0342

Square

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



72.1857, 70.2766, 95.3481



73.0820, 70.2766, 62.4442



61.6811, 70.2766, 60.3483



60.8808, 70.2766, 92.5647

Rectangle

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



72.1857, 70.2766, 95.3481



75.1705, 70.2766, 76.2263



61.6811, 70.2766, 60.3483



59.0674, 70.2766, 76.8129

Sweetspot

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



72.1878, 70.2796, 95.3496



90.1446, 92.7682, 107.7627



71.0800, 75.7252, 96.4591



19.1023, 19.5738, 23.0213



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.



72.1878, 70.2796, 95.3496



76.6973, 73.2256, 104.6993



77.1019, 72.8223, 95.1575



16.4217, 16.3600, 20.8349



14.0119, 6.1977, 46.9958



1.3501, 0.6059, 4.1360

Inverse Universe

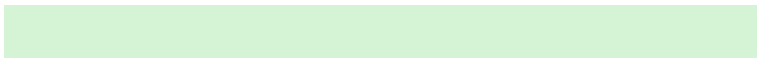
The Inverse Universe completely reimagines the original color for something new.



74.7192, 71.8692, 82.6104



80.0919, 75.3563, 87.6596



71.4557, 83.4807, 74.9913



16.8225, 16.6118, 18.8117



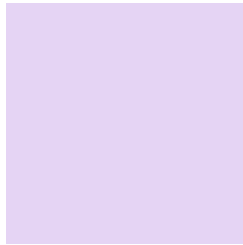
22.0173, 11.1504, 10.0655



1.9866, 1.0006, 1.1556

Previews

White Background



This preview shows how the XYZ color 72.1857, 70.2766, 95.3481 looks on a white background.

Color Contrast Check

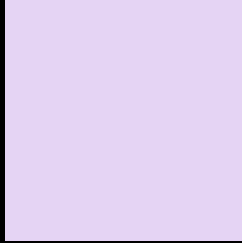
Large Text (above 18pt) WCAG AA × Fail

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 72.1857, 70.2766, 95.3481 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 72.1857, 70.2766, 95.3481

Background



This preview shows how black text looks on a background with the XYZ color 72.1857, 70.2766, 95.3481.

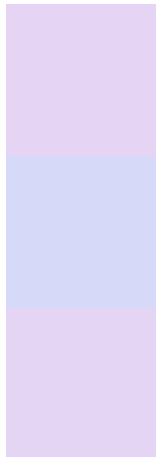


This preview shows how white text looks on a background with the XYZ color 72.1857, 70.2766,

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

72.1857, 70.2766, 95.3481

Protanopia

69.3329, 70.6373, 97.9758

Deuteranopia

72.1183, 70.6141, 95.4168



Tritanopia

70.1489, 70.1935, 85.4528

Trichromacy



Original Color

72.1857, 70.2766, 95.3481

Protanomaly

70.1484, 70.3148, 97.0637

Deuteranomaly

72.1183, 70.6141, 95.4168

Tritanomaly

70.9295, 70.1386, 89.1566

Monochromacy



Original Color

72.1857, 70.2766, 95.3481

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9547, 71.6472, 84.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1857, 70.2766, 95.3481 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(229, 212, 244) looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 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(229, 212, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.1857, 70.2766, 95.3481 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(229, 212, 244) }
```


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

```
.border{ border-color:rgb(229, 212, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 244);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1857, 70.2766, 95.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 244) }
```

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

```
.background{ background-color: rgb(229,  
212, 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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