

Converting Colors

XYZ(74.3771, 70.9572,
111.3521)

Have a look what the booklet for
XYZ(74.3771, 70.9572, 111.3521)
contains.

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Color

**XYZ(72.9575, 70.4757,
104.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D4FF
RGB	226, 212, 255
RGB Percent	89%, 83%, 100%
CMY	0.1137, 0.1686, 0.0000
CMYK	0.11, 0.17, 0.00, 0.00
HSL	260°, 100%, 92%
HSV	260°, 17%, 100%
XYZ	72.9575, 70.4757, 104.3656
YIQ	221.0880, -5.4590, 16.3410

Conversions

Conversions Part 2

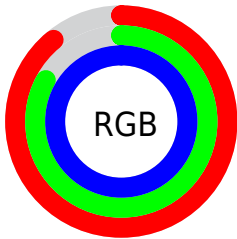
Format	Color
R _Y B	226, 212, 255
Decimal	14865663
CIE Lab	87.23, 12.85, -19.21
CIE LCh	87, 23.114, 303.775
Yxy	70.4757, 0.2944, 0.2844
Android (android.graphics.Color)	4293055743 (0xFFE2D4FF)
YUV	221.0880, 16.7186, 4.3078
Hunter-Lab	83.9498, 8.2152, -14.9439

Details

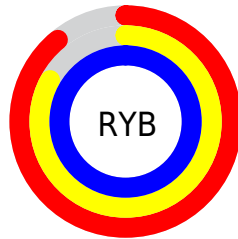
The XYZ color **72.9575, 70.4757, 104.3656** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9209, 94.9750, 76.1996**, and the grayscale version is **68.6798, 72.2565, 78.6873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8276, 36.7372, 58.4706** is the 20% darker color. If you saturate the color by 10%, you get **61.9545, 56.0777, 102.1665**, and if you desaturate by 10%, it is **85.5120, 87.1716, 106.9266**.

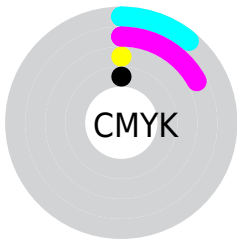
Distribution



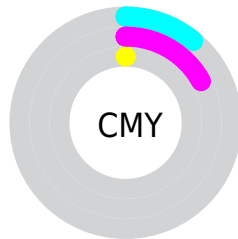
- Red (89%)
- Green (83%)
- Blue (100%)



- Red (89%)
- Yellow (83%)
- Blue (100%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9575, 70.4757, 104.3656 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 72.9575, 70.4757, 104.3656 by changing the saturation by 10% instead.

72.9575, 70.4757,
104.3656

72.9575, 70.4757,
104.3656

459.9736,
462.2185, 595.4661

54.2295, 51.9144,
79.3143

122.4203,
119.8869, 169.2477

39.0165, 36.9369,
58.6314

153.8858,
151.5056, 209.9156

26.9534, 25.1586,
41.8984

190.3279,
188.2456, 256.6260

17.6746, 16.1953,
28.6968

232.1118,
230.4913, 309.7976

10.8149, 9.6624,
18.6080

279.6030,
278.6270, 369.8489

6.0089, 5.1757,
11.2134

333.1668,

2.8912, 2.3507,

333.0372, 437.1984

6.0946

393.1685,
394.1062, 512.2646

■ 1.0965, 0.8004,
2.8330

■ 0.0222, 0.0000,
1.0100

■ 72.9575, 70.4757,
104.3656

■ 72.9575, 70.4757,
104.3656

■ 61.9545, 56.0777,
102.1665

■ 85.5120, 87.1716,
106.9266

■ 52.4342, 43.8665,
100.3112

95.0500, 100.0000,
108.9000

■ 44.3310, 33.7347,
98.7827

■ 37.5719, 25.5621,
97.5615

■ 32.0766, 19.2157,
96.6261

■ 27.7557, 14.5456,
95.9524

■ 24.5060, 11.3765,
95.5120

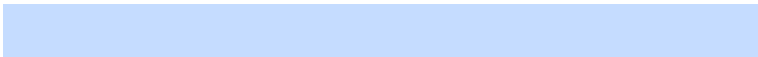
■ 22.2008, 9.4888,
95.2692

■ 21.6187, 9.0597,
95.2170

Harmonies

Analogous

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



67.6746, 70.4757, 110.5998



72.9575, 70.4757, 104.3656



76.7925, 70.4757, 90.7198

Triad

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



72.9575, 70.4757, 104.3656



71.7047, 70.4757, 52.9204



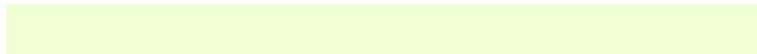
57.0994, 70.4757, 78.7211

Complementary

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



72.9575, 70.4757, 104.3656



83.9209, 94.9750, 76.1996

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.



58.0503, 70.4757, 64.2686



72.9575, 70.4757, 104.3656



66.3001, 70.4757, 50.6035

Square

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



72.9575, 70.4757, 104.3656



76.0422, 70.4757, 61.2870



61.3478, 70.4757, 54.4716



58.6772, 70.4757, 94.5849

Rectangle

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



72.9575, 70.4757, 104.3656



77.9074, 70.4757, 80.0238



61.3478, 70.4757, 54.4716



57.1344, 70.4757, 73.5397

Sweetspot

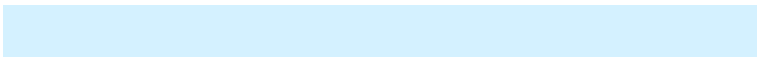
The Sweet Spot groups the original color and five complimentary colors.



72.9595, 70.4786, 104.3661



88.0234, 90.5386, 107.4441



76.7722, 84.3565, 106.8439



18.6362, 19.1047, 22.9553



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.



72.9595, 70.4786, 104.3661



69.3410, 65.7157, 103.6375



79.9940, 74.1050, 104.6953



17.5598, 17.6648, 22.7341



11.4346, 4.8052, 49.7594



1.2224, 0.5241, 4.8500

Inverse Universe

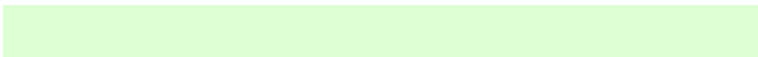
The Inverse Universe completely reimagines the original color for something new.



80.6623, 74.7005, 93.3885



78.3238, 70.6421, 90.7020



77.1254, 91.4718, 75.8815



18.5264, 18.1939, 21.3890



25.5104, 12.6935, 21.8701



2.5341, 1.2560, 2.3940

Previews

White Background



This preview shows how the XYZ color 72.9575, 70.4757, 104.3656 looks on a white background.

Color Contrast Check

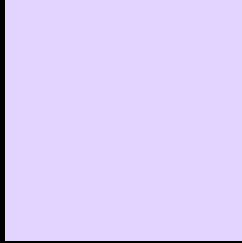
Large Text (above 18pt) WCAG AA × Fail

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 72.9575, 70.4757, 104.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

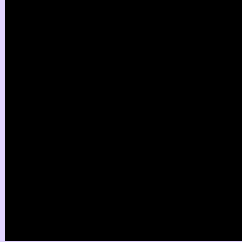
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9575, 70.4757, 104.3656

Background



This preview shows how black text looks on a background with the XYZ color 72.9575, 70.4757, 104.3656.

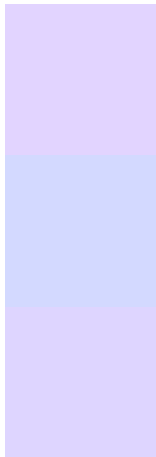


This preview shows how white text looks on a background with the XYZ color 72.9575, 70.4757,

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

72.9575, 70.4757, 104.3656

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

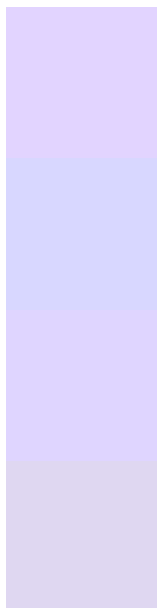
71.9685, 70.3381, 104.3912



Tritanopia

69.3880, 70.5245, 87.0462

Trichromacy



Original Color

72.9575, 70.4757, 104.3656

Protanomaly

70.6693, 70.4198, 104.4754

Deuteranomaly

72.2757, 70.4965, 104.4056

Tritanomaly

70.6090, 70.6397, 93.1324

Monochromacy



Original Color

72.9575, 70.4757, 104.3656

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2108, 71.7140, 87.2325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9575, 70.4757, 104.3656 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(226, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 255)  
}
```

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(226, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.9575, 70.4757, 104.3656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

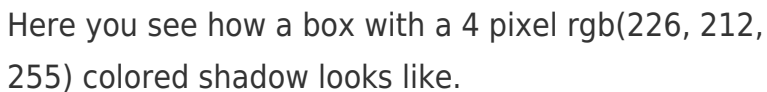
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 212, 255) }
```


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

```
.border{ border-color:rgb(226, 212, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 212, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 212, 255); box-shadow:4px 4px 4px 4px rgb(226, 212, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9575, 70.4757, 104.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 255) }
```

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

```
.background{ background-color: rgb(226,  
212, 255) }
```

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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