

Converting Colors

XYZ(73.8468, 72.7229,
104.7525)

Have a look what the booklet for
XYZ(73.8468, 72.7229, 104.7525)
contains.

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Color

**XYZ(73.9142, 72.8533,
104.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D9FF
RGB	225, 217, 255
RGB Percent	88%, 85%, 100%
CMY	0.1176, 0.1490, 0.0000
CMYK	0.12, 0.15, 0.00, 0.00
HSL	253°, 100%, 93%
HSV	253°, 15%, 100%
XYZ	73.9142, 72.8533, 104.7741
YIQ	223.7240, -7.4300, 13.5140

Conversions

Conversions Part 2

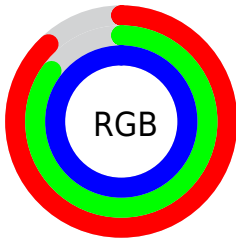
Format	Color
R _Y B	225, 217, 255
Decimal	14801407
CIE Lab	88.38, 9.89, -17.49
CIE LCh	88, 20.095, 299.495
Yxy	72.8533, 0.2938, 0.2896
Android (android.graphics.Color)	4292991487 (0xFFE1D9FF)
YUV	223.7240, 15.4191, 1.1191
Hunter-Lab	85.3541, 5.2060, -13.0319

Details

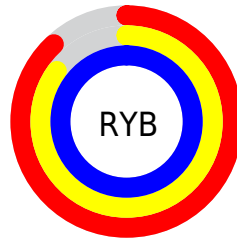
The XYZ color **73.9142, 72.8533, 104.7741** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6439, 96.3047, 79.6712**, and the grayscale version is **70.5536, 74.2279, 80.8342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6909, 38.4639, 58.7584** is the 20% darker color. If you saturate the color by 10%, you get **61.9320, 57.6629, 102.4736**, and if you desaturate by 10%, it is **87.6560, 90.4622, 107.4487**.

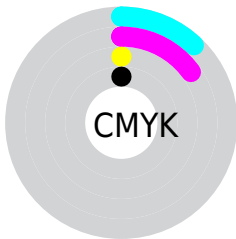
Distribution



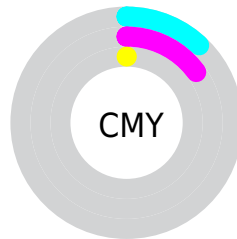
- Red (88%)
- Green (85%)
- Blue (100%)



- Red (88%)
- Yellow (85%)
- Blue (100%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9142, 72.8533, 104.7741 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 73.9142, 72.8533, 104.7741 by changing the saturation by 10% instead.

73.9142, 72.8533,
104.7741

73.9142, 72.8533,
104.7741

463.2321,
470.5062, 596.7697

55.0148, 53.8560,
79.6545

123.7703,
123.2689, 169.8114

39.6475, 38.4866,
58.9096

155.4578,
155.4561, 210.5663

27.4468, 26.3605,
42.1208

192.1387,
192.8086, 257.3700

18.0474, 17.0936,
28.8696

234.1784,
235.7109, 310.6410

11.0839, 10.3012,
18.7375

281.9422,
284.5475, 370.7980

6.1910, 5.5991,
11.3059

335.7956,

3.0033, 2.6029,

339.7026, 438.2594

6.1562

396.1037,
401.5607, 513.4438

■ 1.1555, 0.9281,
2.8700

■ 0.0708, 0.0000,
1.0286

■ 73.9142, 72.8533,
104.7741

■ 73.9142, 72.8533,
104.7741

■ 61.9320, 57.6629,
102.4736

■ 87.6560, 90.4622,
107.4487

■ 51.6312, 44.7759,
100.5291

95.0500, 100.0000,
108.9000

■ 42.9368, 34.0810,
98.9230

■ 35.7654, 25.4544,
97.6359

■ 30.0257, 18.7594,
96.6461

■ 25.6165, 13.8427,
95.9295

■ 22.4220, 10.5269,
95.4579

■ 20.3044, 8.5959,
95.1968

■ 19.5538, 7.9952,
95.1204

Harmonies

Analogous

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



69.1631, 72.8533, 108.9735



73.9142, 72.8533, 104.7741



77.5505, 72.8533, 93.5924

Triad

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



73.9142, 72.8533, 104.7741



74.0623, 72.8533, 58.5625



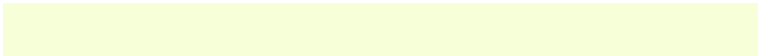
60.3751, 72.8533, 79.0908

Complementary

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



73.9142, 72.8533, 104.7741



86.6439, 96.3047, 79.6712

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.



61.5545, 72.8533, 66.5864



73.9142, 72.8533, 104.7741



69.3267, 72.8533, 55.6100

Square

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



73.9142, 72.8533, 104.7741



77.6387, 72.8533, 66.9481



64.7765, 72.8533, 58.3713



61.4789, 72.8533, 93.1401

Rectangle

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



73.9142, 72.8533, 104.7741



78.7742, 72.8533, 84.2689



64.7765, 72.8533, 58.3713



60.5169, 72.8533, 74.5781

Sweetspot

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



73.9162, 72.8563, 104.7746



88.9810, 92.1684, 107.7082



80.0503, 88.7396, 107.5171



18.8083, 19.4223, 23.0075



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.



73.9162, 72.8563, 104.7746



70.0165, 67.8930, 104.0221



80.0343, 76.0102, 105.0609



17.3602, 17.5619, 22.7248



10.3165, 4.2288, 49.7071



1.0905, 0.4561, 4.8438

Inverse Universe

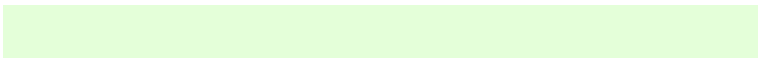
The Inverse Universe completely reimagines the original color for something new.



82.8431, 77.6039, 98.6108



80.5983, 73.5233, 96.6013



80.4082, 93.0901, 79.3794



18.6193, 18.2310, 21.8782



27.1344, 13.3430, 30.4218



2.6810, 1.3148, 3.1678

Previews

White Background



This preview shows how the XYZ color 73.9142, 72.8533, 104.7741 looks on a white background.

Color Contrast Check

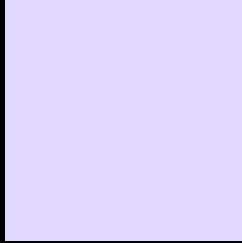
Large Text (above 18pt) WCAG AA × Fail

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 73.9142, 72.8533, 104.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

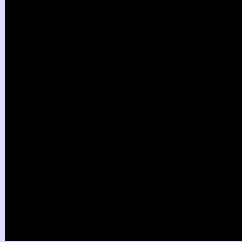
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9142, 72.8533, 104.7741

Background



This preview shows how black text looks on a background with the XYZ color 73.9142, 72.8533, 104.7741.

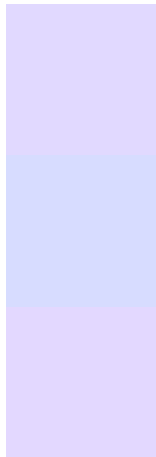


This preview shows how white text looks on a background with the XYZ color 73.9142, 72.8533,

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

73.9142, 72.8533, 104.7741

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.2844, 72.6626, 104.7178



Tritanopia

71.0035, 72.8304, 90.4362

Trichromacy



Original Color

73.9142, 72.8533, 104.7741

Protanomaly

72.5949, 72.9431, 104.8610

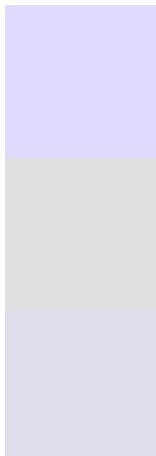
Deuteranomaly

73.9699, 72.5005, 104.7031

Tritanomaly

72.0921, 72.8827, 95.8561

Monochromacy



Original Color

73.9142, 72.8533, 104.7741

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5923, 73.5584, 89.0221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9142, 72.8533, 104.7741 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 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(225, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.9142, 72.8533, 104.7741 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, 217, 255) }
```


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

```
.border{ border-color:rgb(225, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9142, 72.8533, 104.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 255) }
```

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

```
.background{ background-color: rgb(225,  
217, 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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