

Converting Colors

XYZ(78.1118, 74.8484,
127.4190)

Have a look what the booklet for
XYZ(78.1118, 74.8484, 127.4190)
contains.

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Color

**XYZ(73.8619, 73.2101,
104.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DAFF
RGB	224, 218, 255
RGB Percent	88%, 85%, 100%
CMY	0.1216, 0.1451, 0.0000
CMYK	0.12, 0.15, 0.00, 0.00
HSL	250°, 100%, 93%
HSV	250°, 15%, 100%
XYZ	73.8619, 73.2101, 104.8458
YIQ	224.0120, -8.3010, 12.7790

Conversions

Conversions Part 2

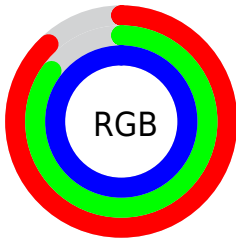
Format	Color
R _Y B	224, 218, 255
Decimal	14736127
CIE Lab	88.55, 9.05, -17.24
CIE LCh	89, 19.474, 297.699
Yxy	73.2101, 0.2932, 0.2906
Android (android.graphics.Color)	4292926207 (0xFFE0DAFF)
YUV	224.0120, 15.2771, -0.0105
Hunter-Lab	85.5629, 4.3545, -12.7579

Details

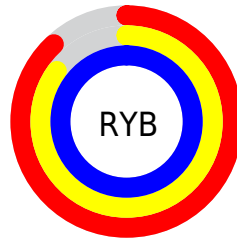
The XYZ color **73.8619, 73.2101, 104.8458** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.4834, 96.7224, 80.3915**, and the grayscale version is **70.7604, 74.4455, 81.0711**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6524, 38.7066, 58.8073** is the 20% darker color. If you saturate the color by 10%, you get **61.5404, 57.7869, 102.5182**, and if you desaturate by 10%, it is **88.0368, 91.1027, 107.5523**.

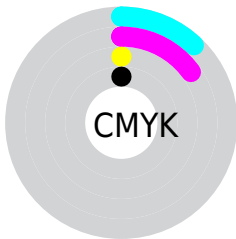
Distribution



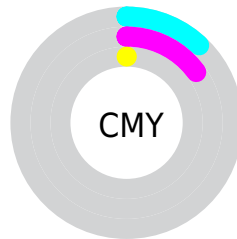
- Red (88%)
- Green (85%)
- Blue (100%)



- 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 73.8619, 73.2101, 104.8458 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 73.8619, 73.2101, 104.8458 by changing the saturation by 10% instead.

73.8619, 73.2101,
104.8458

73.8619, 73.2101,
104.8458

463.0543,
471.7427, 596.9984

54.9719, 54.1478,
79.7142

123.6966,
123.7754, 169.9104

39.6130, 38.7198,
58.9584

155.3720,
156.0472, 210.6805

27.4198, 26.5418,
42.1599

192.0398,
193.4910, 257.5005

18.0270, 17.2294,
28.9000

234.0656,
236.4910, 310.7890

11.0691, 10.3982,
18.7603

281.8145,
285.4319, 370.9645

6.1810, 5.6638,
11.3221

335.6521,

2.9972, 2.6417,

340.6978, 438.4455

6.1670

395.9435,
402.6733, 513.6506

■ 1.1523, 0.9477,
2.8765

■ 0.0682, 0.0000,
1.0319

■ 73.8619, 73.2101,
104.8458

■ 73.8619, 73.2101,
104.8458

■ 61.5404, 57.7869,
102.5182

■ 88.0368, 91.1027,
107.5523

■ 50.9891, 44.7157,
100.5513

95.0500, 100.0000,
108.9000

■ 42.1275, 33.8827,
98.9274

■ 34.8664, 25.1612,
97.6267

■ 29.1081, 18.4116,
96.6274

■ 24.7440, 13.4774,
95.9050

■ 21.6502, 10.1778,
95.4312

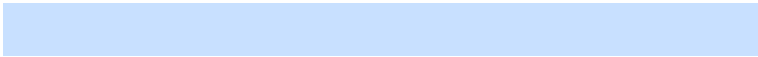
■ 19.6792, 8.2931,
95.1713

■ 18.9780, 7.6984,
95.0934

Harmonies

Analogous

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



69.2224, 73.2101, 108.4146



73.8619, 73.2101, 104.8458



77.4908, 73.2101, 94.3313

Triad

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



73.8619, 73.2101, 104.8458



74.5167, 73.2101, 59.8095



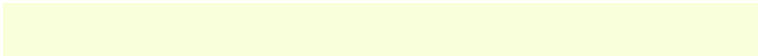
60.9540, 73.2101, 78.6804

Complementary

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



73.8619, 73.2101, 104.8458



87.4834, 96.7224, 80.3915

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.



62.2342, 73.2101, 66.6894



73.8619, 73.2101, 104.8458



69.9469, 73.2101, 56.5853

Square

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



73.8619, 73.2101, 104.8458



77.8807, 73.2101, 68.2975



65.4746, 73.2101, 58.9570



61.8985, 73.2101, 92.3352

Rectangle

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



73.8619, 73.2101, 104.8458



78.7752, 73.2101, 85.3453



65.4746, 73.2101, 58.9570



61.1371, 73.2101, 74.3348

Sweetspot

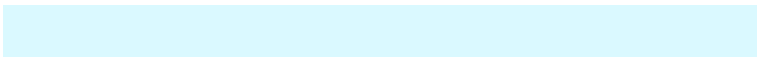
The Sweet Spot groups the original color and five complimentary colors.



73.8639, 73.2131, 104.8462



88.8073, 92.0788, 107.7001



80.9801, 90.1565, 107.7416



18.7645, 19.3997, 23.0055



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.



73.8639, 73.2131, 104.8462



70.6226, 69.1423, 104.2313



79.7584, 76.2518, 105.1221



17.2772, 17.5191, 22.7209



9.9967, 4.0640, 49.6921



1.0477, 0.4340, 4.8418

Inverse Universe

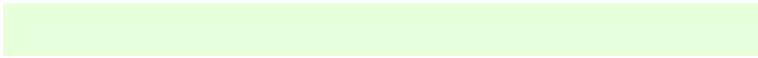
The Inverse Universe completely reimagines the original color for something new.



83.4120, 78.2451, 100.3312



81.6351, 74.9478, 98.9482



81.3555, 93.5634, 80.1047



18.6587, 18.2468, 22.0860



27.9155, 13.6555, 34.5351



2.7503, 1.3425, 3.5326

Previews

White Background



This preview shows how the XYZ color 73.8619, 73.2101, 104.8458 looks on a white background.

Color Contrast Check

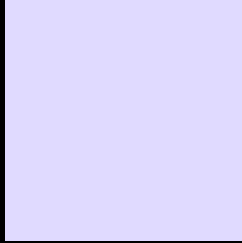
Large Text (above 18pt) WCAG AA × Fail

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 73.8619, 73.2101, 104.8458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

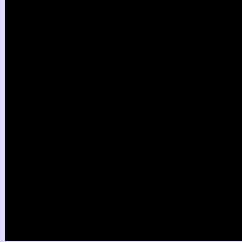
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8619, 73.2101, 104.8458

Background



This preview shows how black text looks on a background with the XYZ color 73.8619, 73.2101, 104.8458.

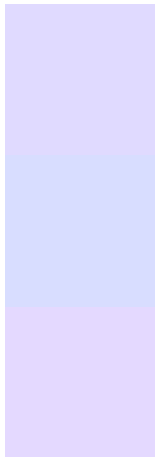


This preview shows how white text looks on a background with the XYZ color 73.8619, 73.2101,

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

73.8619, 73.2101, 104.8458

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

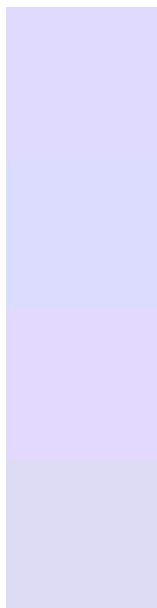
74.8578, 73.3397, 104.8183



Tritanopia

71.1079, 73.2581, 91.2814

Trichromacy



Original Color

73.8619, 73.2101, 104.8458

Protanomaly

72.8566, 73.4665, 104.9482

Deuteranomaly

74.5414, 73.1766, 104.8035

Tritanomaly

72.0465, 73.2476, 95.9289

Monochromacy



Original Color

73.8619, 73.2101, 104.8458

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8571, 74.0880, 89.1104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8619, 73.2101, 104.8458 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(224, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 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(224, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8619, 73.2101, 104.8458 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(224, 218, 255) }
```


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

```
.border{ border-color:rgb(224, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8619, 73.2101, 104.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 255) }
```

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

```
.background{ background-color: rgb(224,  
218, 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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