

Converting Colors

XYZ(76.5872, 73.2264,
118.3608)

Have a look what the booklet for
XYZ(76.5872, 73.2264, 118.3608)
contains.

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Color

**XYZ(74.0290, 72.1518,
104.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D7FF
RGB	227, 215, 255
RGB Percent	89%, 84%, 100%
CMY	0.1098, 0.1568, 0.0000
CMYK	0.11, 0.16, 0.00, 0.00
HSL	258°, 100%, 92%
HSV	258°, 16%, 100%
XYZ	74.0290, 72.1518, 104.6327
YIQ	223.1480, -5.6880, 14.9840

Conversions

Conversions Part 2

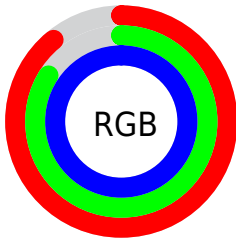
Format	Color
R _Y B	227, 215, 255
Decimal	14931967
CIE Lab	88.04, 11.58, -17.98
CIE LCh	88, 21.387, 302.782
Yxy	72.1518, 0.2952, 0.2877
Android (android.graphics.Color)	4293122047 (0xFFE3D7FF)
YUV	223.1480, 15.7030, 3.3782
Hunter-Lab	84.9422, 6.9178, -13.5745

Details

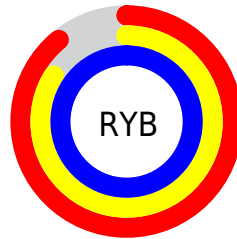
The XYZ color **74.0290, 72.1518, 104.6327** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9896, 95.4818, 78.2438**, and the grayscale version is **70.1410, 73.7938, 80.3614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5584, 37.8768, 58.6521** is the 20% darker color. If you saturate the color by 10%, you get **62.6938, 57.4103, 102.3847**, and if you desaturate by 10%, it is **86.9640, 89.2241, 107.2462**.

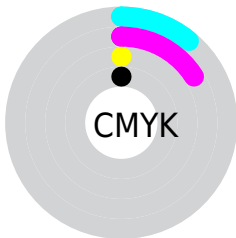
Distribution



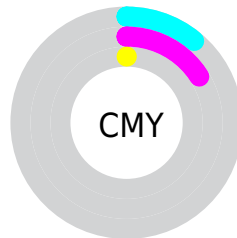
- Red (89%)
- Green (84%)
- Blue (100%)



- Red (89%)
- Yellow (84%)
- Blue (100%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0290, 72.1518, 104.6327 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 74.0290, 72.1518, 104.6327 by changing the saturation by 10% instead.

74.0290, 72.1518,
104.6327

74.0290, 72.1518,
104.6327

463.6222,
468.0698, 596.3187

55.1091, 53.2827,
79.5367

123.9322,
122.2723, 169.6163

39.7233, 38.0285,
58.8133

155.6462,
154.2925, 210.3411

27.5061, 26.0048,
42.0438

192.3557,
191.4652, 257.1125

18.0922, 16.8272,
28.8098

234.4260,
234.1748, 310.3491

11.1163, 10.1114,
18.6926

282.2224,
282.8056, 370.4695

6.2130, 5.4729,
11.2738

336.1104,

3.0169, 2.5273,

337.7422, 437.8922

6.1348

396.4552,
399.3687, 513.0358

■ 1.1627, 0.8903,
2.8571

■ 0.0766, 0.0000,
1.0222

■ 74.0290, 72.1518,
104.6327

■ 74.0290, 72.1518,
104.6327

■ 62.6938, 57.4103,
102.3847

■ 86.9640, 89.2241,
107.2462

■ 52.8878, 44.8881,
100.4845

95.0500, 100.0000,
108.9000

■ 44.5443, 34.4778,
98.9149

■ 37.5884, 26.0593,
97.6566

■ 31.9388, 19.5002,
96.6883

■ 27.5043, 14.6515,
95.9861

■ 24.1809, 11.3400,
95.5221

■ 21.8434, 9.3533,
95.2618

■ 21.0696, 8.7767,
95.1913

Harmonies

Analogous

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



69.0555, 72.1518, 110.1028



74.0290, 72.1518, 104.6327



77.6787, 72.1518, 92.1267

Triad

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



74.0290, 72.1518, 104.6327



73.1643, 72.1518, 56.1283



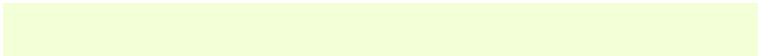
59.2374, 72.1518, 79.9330

Complementary

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



74.0290, 72.1518, 104.6327



84.9896, 95.4818, 78.2438

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.



60.2177, 72.1518, 66.3971



74.0290, 72.1518, 104.6327



68.1029, 72.1518, 53.7040

Square

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



74.0290, 72.1518, 104.6327



77.1623, 72.1518, 64.3074



63.4016, 72.1518, 57.2255



60.6555, 72.1518, 94.7790

Rectangle

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



74.0290, 72.1518, 104.6327



78.7798, 72.1518, 82.1446



63.4016, 72.1518, 57.2255



59.2975, 72.1518, 75.0833

Sweetspot

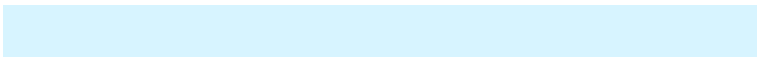
The Sweet Spot groups the original color and five complimentary colors.



74.0310, 72.1547, 104.6331



87.9088, 90.4795, 107.4387



78.3267, 86.1697, 107.1119



18.6084, 19.0904, 22.9540



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.



74.0310, 72.1547, 104.6331



70.0981, 67.0131, 103.8480



80.4752, 75.4769, 104.9347



17.5152, 17.6418, 22.7320



11.1399, 4.6533, 49.7456



1.1893, 0.5070, 4.8485

Inverse Universe

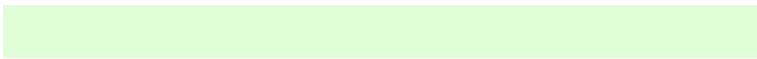
The Inverse Universe completely reimagines the original color for something new.



81.7199, 76.3347, 95.2234



79.2416, 71.9870, 92.5205



78.6649, 92.2213, 77.9478



18.5469, 18.2021, 21.4972



25.8436, 12.8267, 23.6248



2.5646, 1.2682, 2.5548

Previews

White Background



This preview shows how the XYZ color 74.0290, 72.1518, 104.6327 looks on a white background.

Color Contrast Check

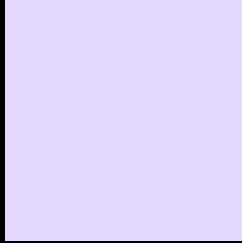
Large Text (above 18pt) WCAG AA × Fail

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 74.0290, 72.1518, 104.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

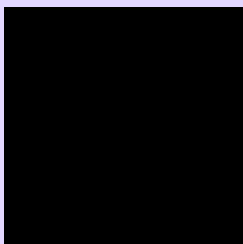
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0290, 72.1518, 104.6327

Background



This preview shows how black text looks on a background with the XYZ color 74.0290, 72.1518, 104.6327.

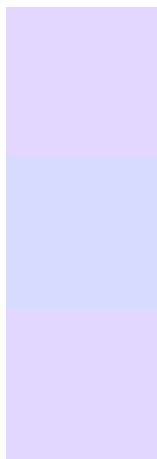


This preview shows how white text looks on a background with the XYZ color 74.0290, 72.1518,

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

74.0290, 72.1518, 104.6327

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.7145, 71.9896, 104.6180



Tritanopia

70.9522, 72.0462, 89.5236

Trichromacy



Original Color

74.0290, 72.1518, 104.6327

Protanomaly

72.3348, 72.4229, 104.7743

Deuteranomaly

73.7145, 71.9896, 104.6180

Tritanomaly

72.0419, 72.1043, 94.9145

Monochromacy



Original Color

74.0290, 72.1518, 104.6327

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3291, 73.0319, 88.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0290, 72.1518, 104.6327 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(227, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 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(227, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0290, 72.1518, 104.6327 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(227, 215, 255) }
```


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

```
.border{ border-color:rgb(227, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0290, 72.1518, 104.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 255) }
```

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

```
.background{ background-color: rgb(227,  
215, 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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