

Converting Colors

XYZ(74.3522, 73.9653,
104.9657)

Have a look what the booklet for
XYZ(74.3522, 73.9653, 104.9657)
contains.

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Color

**XYZ(74.1220, 73.7303,
104.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DBFF
RGB	224, 219, 255
RGB Percent	88%, 86%, 100%
CMY	0.1216, 0.1412, 0.0000
CMYK	0.12, 0.14, 0.00, 0.00
HSL	248°, 100%, 93%
HSV	248°, 14%, 100%
XYZ	74.1220, 73.7303, 104.9325
YIQ	224.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

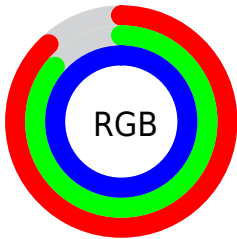
Format	Color
R _Y B	224, 219, 255
Decimal	14736383
CIE Lab	88.79, 8.53, -16.87
CIE LCh	89, 18.903, 296.811
Yxy	73.7303, 0.2932, 0.2917
Android (android.graphics.Color)	4292926463 (0xFFE0DBFF)
YUV	224.5990, 14.9877, -0.5253
Hunter-Lab	85.8663, 3.8196, -12.3486

Details

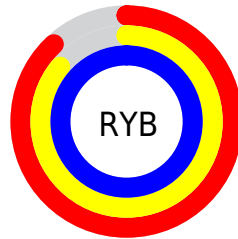
The XYZ color **74.1220, 73.7303, 104.9325** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.9721, 96.9592, 81.0996**, and the grayscale version is **71.1823, 74.8894, 81.5545**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8307, 39.0632, 58.8667** is the 20% darker color. If you saturate the color by 10%, you get **61.6005, 58.1461, 102.5844**, and if you desaturate by 10%, it is **88.5456, 91.8116, 107.6623**.

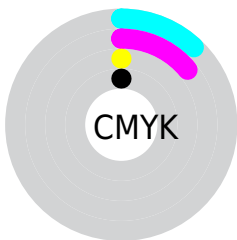
Distribution



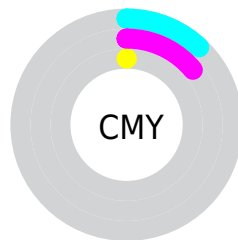
- Red (88%)
- Green (86%)
- Blue (100%)



- Red (88%)
- Yellow (86%)
- Blue (100%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1220, 73.7303, 104.9325 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 74.1220, 73.7303, 104.9325 by changing the saturation by 10% instead.

74.1220, 73.7303,
104.9325

74.1220, 73.7303,
104.9325

463.9381,
473.5420, 597.2748

55.1855, 54.5733,
79.7865

124.0633,
124.5134, 170.0300

39.7847, 39.0602,
59.0175

155.7989,
156.9083, 210.8185

27.5542, 26.8066,
42.2071

192.5315,
194.4847, 257.6583

18.1286, 17.4280,
28.9367

234.6265,
237.6269, 310.9679

11.1426, 10.5401,
18.7878

282.4494,
286.7194, 371.1658

6.2308, 5.7585,
11.3418

336.3653,

3.0279, 2.6988,

342.1464, 438.6705

6.1802

396.7398,
404.2925, 513.9007

■ 1.1686, 0.9766,
2.8844

■ 0.0813, 0.0000,
1.0359

■ 74.1220, 73.7303,
104.9325

■ 74.1220, 73.7303,
104.9325

■ 61.6005, 58.1461,
102.5844

■ 88.5456, 91.8116,
107.6623

■ 50.8953, 44.9404,
100.5996

95.0500, 100.0000,
108.9000

■ 41.9231, 33.9982,
98.9605

■ 34.5918, 25.1917,
97.6470

■ 28.8004, 18.3799,
96.6375

■ 24.4366, 13.4049,
95.9072

■ 21.3723, 10.0845,
95.4278

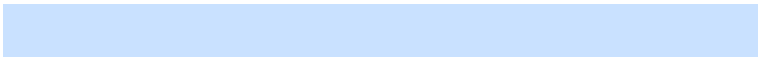
■ 19.4552, 8.1981,
95.1647

■ 18.7569, 7.5844,
95.0831

Harmonies

Analogous

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



69.5901, 73.7303, 108.1563



74.1220, 73.7303, 104.9325



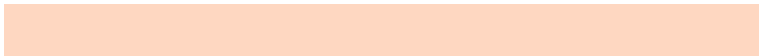
77.7019, 73.7303, 94.8773

Triad

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



74.1220, 73.7303, 104.9325



75.0056, 73.7303, 60.9861



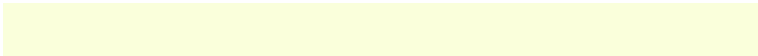
61.6562, 73.7303, 78.8861

Complementary

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



74.1220, 73.7303, 104.9325



87.9721, 96.9592, 81.0996

Split Complementary

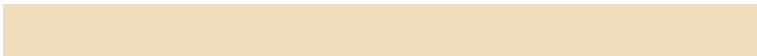
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.9707, 73.7303, 67.2620



74.1220, 73.7303, 104.9325



70.5690, 73.7303, 57.6589

Square

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



74.1220, 73.7303, 104.9325



78.2274, 73.7303, 69.4430



66.1847, 73.7303, 59.8265



62.5160, 73.7303, 92.1891

Rectangle

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



74.1220, 73.7303, 104.9325



78.9979, 73.7303, 86.1671



66.1847, 73.7303, 59.8265



61.8570, 73.7303, 74.6669

Sweetspot

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



74.1240, 73.7333, 104.9329



88.7238, 92.0358, 107.6962



81.5129, 90.7768, 107.8332



18.7435, 19.3888, 23.0045



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.



74.1240, 73.7333, 104.9329



70.3205, 68.9865, 104.2172



79.9328, 76.7278, 105.2048



17.2375, 17.4987, 22.7190



9.8718, 3.9996, 49.6863



1.0291, 0.4244, 4.8410

Inverse Universe

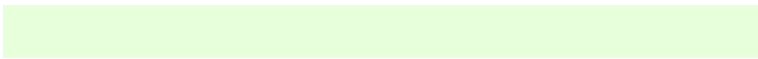
The Inverse Universe completely reimagines the original color for something new.



83.8285, 78.8279, 101.2417



81.7921, 75.0106, 99.7750



81.8915, 93.8246, 80.8151



18.6778, 18.2544, 22.1864



28.3128, 13.8144, 36.6274



2.7853, 1.3565, 3.7168

Previews

White Background



This preview shows how the XYZ color 74.1220, 73.7303, 104.9325 looks on a white background.

Color Contrast Check

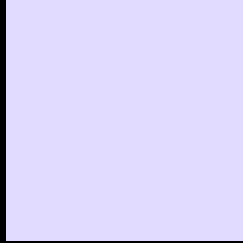
Large Text (above 18pt) WCAG AA × Fail

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 74.1220, 73.7303, 104.9325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

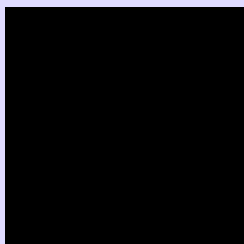
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1220, 73.7303, 104.9325

Background



This preview shows how black text looks on a background with the XYZ color 74.1220, 73.7303, 104.9325.

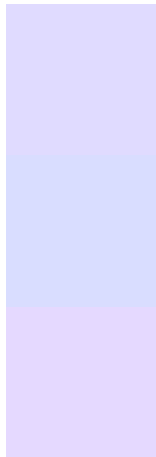


This preview shows how white text looks on a background with the XYZ color 74.1220, 73.7303,

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

74.1220, 73.7303, 104.9325

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

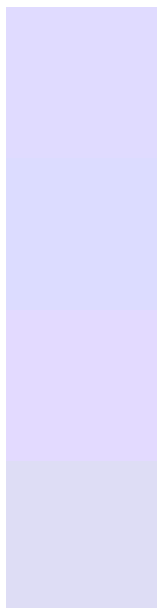
75.1760, 73.5037, 104.8332



Tritanopia

71.5201, 73.8467, 92.1457

Trichromacy



Original Color

74.1220, 73.7303, 104.9325

Protanomaly

73.1584, 73.6220, 104.9624

Deuteranomaly

74.8000, 73.6937, 104.8897

Tritanomaly

72.4621, 73.8351, 96.8186

Monochromacy



Original Color

74.1220, 73.7303, 104.9325

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5793, 74.8390, 89.9769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1220, 73.7303, 104.9325 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1220, 73.7303, 104.9325 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, 219, 255) }
```


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

```
.border{ border-color:rgb(224, 219, 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, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1220, 73.7303, 104.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 255) }
```

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

```
.background{ background-color: rgb(224,  
219, 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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