

Converting Colors

XYZ(74.0421, 75.7218, 93.6442)

Have a look what the booklet for
XYZ(74.0421, 75.7218, 93.6442)
contains.

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Color

**XYZ(74.2114, 75.9931,
93.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E0F1
RGB	227, 224, 241
RGB Percent	89%, 88%, 95%
CMY	0.1098, 0.1215, 0.0549
CMYK	0.06, 0.07, 0.00, 0.05
HSL	251°, 38%, 91%
HSV	251°, 7%, 95%
XYZ	74.2114, 75.9931, 93.9759
YIQ	226.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

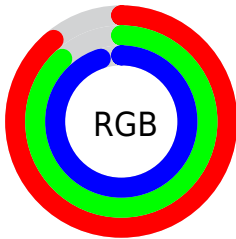
Format	Color
R _Y B	227, 224, 241
Decimal	14934257
CIE Lab	89.86, 4.14, -7.91
CIE LCh	90, 8.927, 297.604
Yxy	75.9931, 0.3039, 0.3112
Android (android.graphics.Color)	4293124337 (0xFFE3E0F1)
YUV	226.8350, 6.9833, 0.1447
Hunter-Lab	87.1740, -0.5972, -2.8944

Details

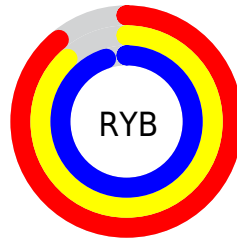
The XYZ color **74.2114, 75.9931, 93.9759** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.1726, 86.4716, 82.9899**, and the grayscale version is **72.8485, 76.6423, 83.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9582, 40.6494, 51.6390** is the 20% darker color. If you saturate the color by 10%, you get **62.2839, 60.9027, 91.6930**, and if you desaturate by 10%, it is **87.7832, 93.2981, 96.6020**.

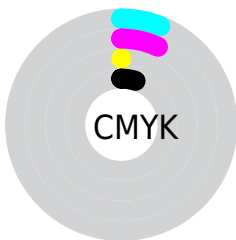
Distribution



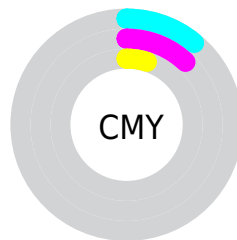
- Red (89%)
- Green (88%)
- Blue (95%)



- Red (89%)
- Yellow (88%)
- Blue (95%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2114, 75.9931, 93.9759 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 74.2114, 75.9931, 93.9759 by changing the saturation by 10% instead.

■ 74.2114, 75.9931,
93.9759

■ 74.2114, 75.9931,
93.9759

464.2417,
481.3241, 561.7816

■ 55.2590, 56.4269,
70.6907

124.1893,
127.7172, 154.8324

■ 39.8438, 40.5453,
51.6096

155.9455,
160.6437, 193.2408

■ 27.6004, 27.9639,
36.3139

192.7004,
198.7926, 237.5274

■ 18.1636, 18.2985,
24.3851

234.8192,
242.5480, 288.1106

■ 11.1679, 11.1645,
15.4047

282.6674,
292.2945, 345.4092

■ 6.2480, 6.1776,
8.9541

336.6104,

■ 3.0385, 2.9534,

348.4164, 409.8415

4.6149

397.0133,
411.2981, 481.8261

■ 1.1742, 1.1074,
1.9684

■ 0.0858, 0.0000,
0.5357

■ 74.2114, 75.9931,
93.9759

■ 74.2114, 75.9931,
93.9759

■ 62.2839, 60.9027,
91.6930

■ 87.7832, 93.2981,
96.6020

■ 51.9314, 47.9278,
89.7342

■ 92.8774, 99.1310,
97.4593

■ 43.0890, 36.9761,
88.0864

■ 35.6850, 27.9447,
86.7334

■ 29.6419, 20.7216,
85.6577

■ 24.8741, 15.1830,
84.8399

■ 21.2867, 11.1891,
84.2581

■ 18.7700, 8.5775,
83.8866

■ 17.1896, 7.1419,
83.6928

Harmonies

Analogous

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



72.0521, 75.9931, 95.4767



74.2114, 75.9931, 93.9759



75.8682, 75.9931, 89.4204

Triad

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



74.2114, 75.9931, 93.9759



74.5244, 75.9931, 72.9094



68.0757, 75.9931, 82.2371

Complementary

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



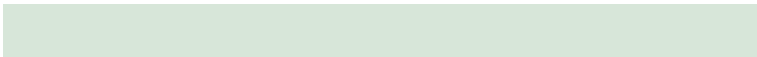
74.2114, 75.9931, 93.9759



80.1726, 86.4716, 82.9899

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.



68.7084, 75.9931, 76.4077



74.2114, 75.9931, 93.9759



72.4065, 75.9931, 71.1960

Square

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



74.2114, 75.9931, 93.9759



76.0515, 75.9931, 77.2443



70.2825, 75.9931, 72.4439



68.5371, 75.9931, 88.4979

Rectangle

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



74.2114, 75.9931, 93.9759



76.4494, 75.9931, 85.3773



70.2825, 75.9931, 72.4439



68.1672, 75.9931, 80.1646

Sweetspot

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



74.2136, 75.9963, 93.9776



91.9159, 96.0010, 108.2933



77.2433, 83.4465, 95.2559



19.7066, 20.5901, 23.1856



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.



74.2136, 75.9963, 93.9776



82.9699, 84.6191, 106.5679



76.9065, 77.3846, 94.1036



15.1571, 15.3627, 19.8880



9.2170, 3.7570, 45.3672



0.8401, 0.3503, 3.7776

Inverse Universe

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



78.3666, 78.1886, 91.8544



88.3102, 87.4384, 103.8234



77.4386, 85.0622, 82.8620



16.3277, 15.9808, 19.2818



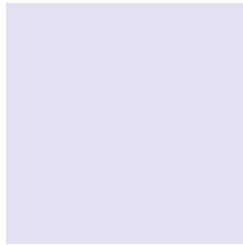
25.2762, 12.3829, 30.4346



2.1338, 1.0426, 2.6952

Previews

White Background



This preview shows how the XYZ color 74.2114, 75.9931, 93.9759 looks on a white background.

Color Contrast Check

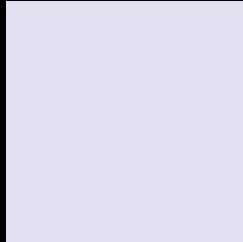
Large Text (above 18pt) WCAG AA × Fail

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 74.2114, 75.9931, 93.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

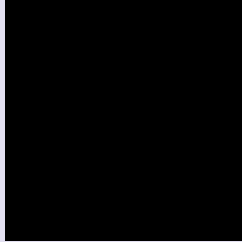
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

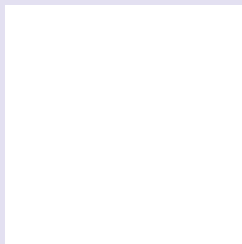
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2114, 75.9931, 93.9759

Background



This preview shows how black text looks on a background with the XYZ color 74.2114, 75.9931, 93.9759.



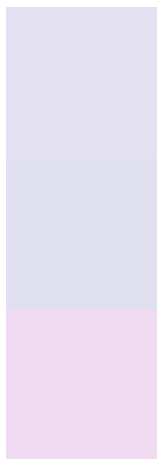
This preview shows how white text looks on a background with the XYZ color 74.2114, 75.9931,

93.9759.

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

74.2114, 75.9931, 93.9759

Protanopia

73.5842, 75.6697, 93.9465

Deuteranopia

77.2937, 75.5991, 94.5227



Tritanopia

74.3612, 76.0530, 94.7648

Trichromacy



Original Color

74.2114, 75.9931, 93.9759

Protanomaly

73.8969, 75.8309, 93.9611

Deuteranomaly

76.1444, 75.7859, 94.6193

Tritanomaly

74.3612, 76.0530, 94.7648

Monochromacy



Original Color

74.2114, 75.9931, 93.9759

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4404, 76.5498, 87.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2114, 75.9931, 93.9759 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, 224, 241) looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 241)  
}
```

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, 224, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.2114, 75.9931, 93.9759 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, 224, 241) }
```


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

```
.border{ border-color:rgb(227, 224, 241) }
```

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

Here you see how a box with a 4 pixel rgb(227, 224, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2114, 75.9931, 93.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 241) }
```

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

```
.background{ background-color: rgb(227,  
224, 241) }
```

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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