

Converting Colors

XYZ(71.6195, 70.7050, 93.6894)

Have a look what the booklet for
XYZ(71.6195, 70.7050, 93.6894)
contains.

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Color

**XYZ(71.7521, 70.8348,
93.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D6F2
RGB	227, 214, 242
RGB Percent	89%, 84%, 95%
CMY	0.1098, 0.1608, 0.0510
CMYK	0.06, 0.12, 0.00, 0.05
HSL	268°, 52%, 89%
HSV	268°, 12%, 95%
XYZ	71.7521, 70.8348, 93.8951
YIQ	221.0790, -1.2400, 11.4640

Conversions

Conversions Part 2

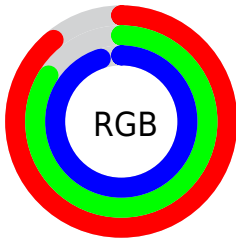
Format	Color
R _Y B	227, 214, 242
Decimal	14931698
CIE Lab	87.40, 9.56, -12.08
CIE LCh	87, 15.407, 308.351
Yxy	70.8348, 0.3034, 0.2995
Android (android.graphics.Color)	4293121778 (0xFFE3D6F2)
YUV	221.0790, 10.3141, 5.1927
Hunter-Lab	84.1634, 4.8912, -7.2312

Details

The XYZ color **71.7521, 70.8348, 93.8951** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.2054, 85.0191, 76.0157**, and the grayscale version is **68.7150, 72.2935, 78.7276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2743, 37.1121, 51.6005** is the 20% darker color. If you saturate the color by 10%, you get **62.1406, 57.4550, 91.8202**, and if you desaturate by 10%, it is **82.5857, 86.1991, 96.2908**.

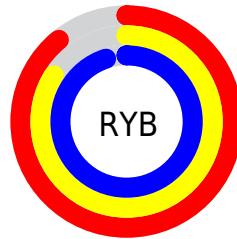
Distribution



Red (89%)

Green (84%)

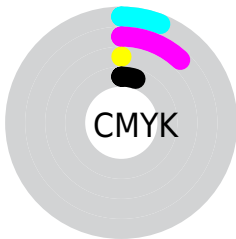
Blue (95%)



Red (89%)

Yellow (84%)

Blue (95%)

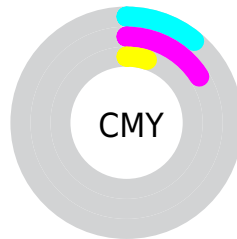


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7521, 70.8348, 93.8951 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 71.7521, 70.8348, 93.8951 by changing the saturation by 10% instead.

71.7521, 70.8348,
93.8951

71.7521, 70.8348,
93.8951

455.8493,
463.4757, 561.5154

53.2409, 52.2074,
70.6239

120.7167,
120.3985, 154.7197

38.2234, 37.1704,
51.5554

151.9009,
152.1035, 193.1101

26.3341, 25.3395,
36.2710

188.0401,
188.9366, 237.3774

17.2078, 16.3301,
24.3522

229.4997,
231.2820, 287.9401

10.4789, 9.7581,
15.3805

276.6451,
279.5243, 345.2167

5.7823, 5.2388,
8.9373

329.8416,

2.7526, 2.3881,

334.0477, 409.6258

4.6040

389.4545,
395.2367, 481.5858

■ 1.0243, 0.8197,
1.9622

■ 0.0000, 0.0000,
0.5319

■ 71.7521, 70.8348,
93.8951

■ 71.7521, 70.8348,
93.8951

■ 62.1406, 57.4550,
91.8202

■ 82.5857, 86.1991,
96.2908

■ 53.6980, 45.9672,
90.0478

■ 92.2709, 98.8010,
98.2127

■ 46.3767, 36.2849,
88.5648

■ 93.0272, 99.1909,
98.2481

■ 40.1228, 28.3113,
87.3554

■ 34.8775, 21.9399,
86.4020

■ 30.5757, 17.0522,
85.6853

■ 27.1432, 13.5121,
85.1829

■ 24.4925, 11.1569,
84.8680

■ 22.7532, 9.8783,
84.7129

Harmonies

Analogous

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



68.3455, 70.8348, 98.6507



71.7521, 70.8348, 93.8951



74.0266, 70.8348, 84.7416

Triad

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



71.7521, 70.8348, 93.8951



69.9351, 70.8348, 59.9945



60.6520, 70.8348, 80.0678

Complementary

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



71.7521, 70.8348, 93.8951



76.2054, 85.0191, 76.0157

Split Complementary

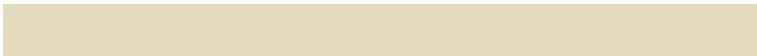
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.0431, 70.8348, 69.9829



71.7521, 70.8348, 93.8951



66.3174, 70.8348, 58.9866

Square

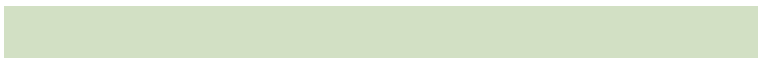
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7521, 70.8348, 93.8951



72.9516, 70.8348, 65.3735



63.0864, 70.8348, 62.4845



61.9980, 70.8348, 90.2112

Rectangle

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



71.7521, 70.8348, 93.8951



74.5494, 70.8348, 77.7039



63.0864, 70.8348, 62.4845



60.5856, 70.8348, 76.5531

Sweetspot

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



71.7542, 70.8378, 93.8967



91.1660, 94.4467, 108.0328



71.8912, 76.9697, 95.0730



19.2957, 19.9054, 23.0751



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.



71.7542, 70.8378, 93.8967



78.0098, 75.8509, 105.1369



76.2148, 73.1373, 94.1054



15.5948, 15.5883, 19.9085



12.3773, 5.3861, 45.5151



1.1434, 0.5067, 3.7918

Inverse Universe

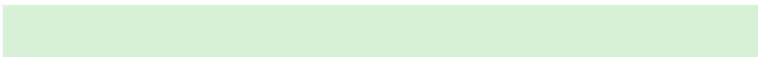
The Inverse Universe completely reimagines the original color for something new.



74.8098, 72.6306, 84.2084



82.1453, 78.2779, 91.9978



72.0342, 82.8688, 75.8204



16.1269, 15.9005, 18.2243



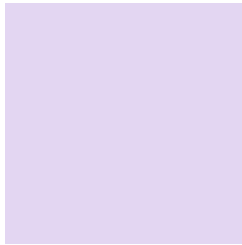
21.8935, 11.0298, 12.6215



1.8716, 0.9377, 1.3144

Previews

White Background



This preview shows how the XYZ color 71.7521, 70.8348, 93.8951 looks on a white background.

Color Contrast Check

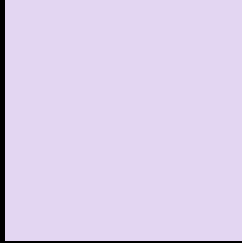
Large Text (above 18pt) WCAG AA × Fail

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 71.7521, 70.8348, 93.8951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

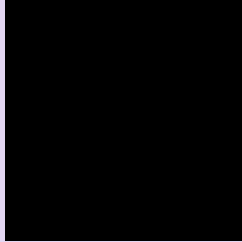
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7521, 70.8348, 93.8951

Background



This preview shows how black text looks on a background with the XYZ color 71.7521, 70.8348, 93.8951.



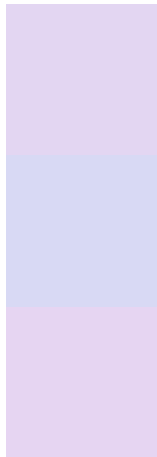
This preview shows how white text looks on a background with the XYZ color 71.7521, 70.8348,

93.8951.

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

71.7521, 70.8348, 93.8951

Protanopia

69.4609, 70.7563, 95.5843

Deuteranopia

72.4544, 70.8223, 93.8557



Tritanopia

70.6279, 71.1637, 87.1043

Trichromacy



Original Color

71.7521, 70.8348, 93.8951

Protanomaly

70.2487, 70.7984, 94.7570

Deuteranomaly

72.1344, 70.6573, 93.8407

Tritanomaly

70.8048, 70.8258, 89.2958

Monochromacy



Original Color

71.7521, 70.8348, 93.8951

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.6457, 71.4879, 84.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7521, 70.8348, 93.8951 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, 214, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 242)  
}
```

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, 214, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.7521, 70.8348, 93.8951 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, 214, 242) }
```


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

```
.border{ border-color:rgb(227, 214, 242) }
```

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

Here you see how a box with a 4 pixel rgb(227, 214, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7521, 70.8348, 93.8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 242) }
```

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

```
.background{ background-color: rgb(227,  
214, 242) }
```

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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