

Converting Colors

XYZ(72.4050, 71.4449, 95.7000)

Have a look what the booklet for
XYZ(72.4050, 71.4449, 95.7000)
contains.

XYZ(72.3081, 71.4634, 95.5707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.3081, 71.4634,
95.5707)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D7F4
RGB	227, 215, 244
RGB Percent	89%, 84%, 96%
CMY	0.1098, 0.1568, 0.0431
CMYK	0.07, 0.12, 0.00, 0.04
HSL	265°, 57%, 90%
HSV	265°, 12%, 96%
XYZ	72.3081, 71.4634, 95.5707
YIQ	221.8940, -2.1570, 11.5630

Conversions

Conversions Part 2

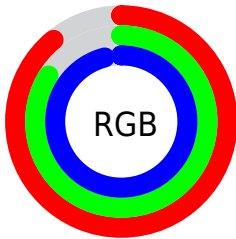
Format	Color
R _Y B	227, 215, 244
Decimal	14931956
CIE Lab	87.71, 9.42, -12.68
CIE LCh	88, 15.797, 306.598
Yxy	71.4634, 0.3021, 0.2986
Android (android.graphics.Color)	4293122036 (0xFFE3D7F4)
YUV	221.8940, 10.8983, 4.4780
Hunter-Lab	84.5360, 4.7424, -7.8540

Details

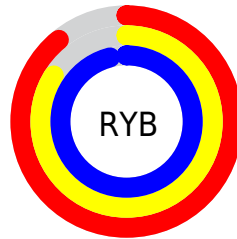
The XYZ color **72.3081, 71.4634, 95.5707** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8977, 86.7653, 76.9352**, and the grayscale version is **69.2848, 72.8930, 79.3804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6612, 37.5431, 52.7858** is the 20% darker color. If you saturate the color by 10%, you get **62.2268, 57.7221, 93.4508**, and if you desaturate by 10%, it is **83.6951, 87.2571, 98.0201**.

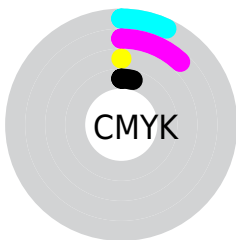
Distribution



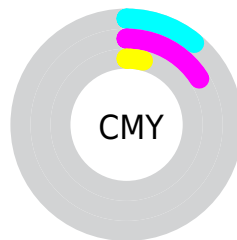
- Red (89%)
- Green (84%)
- Blue (96%)



- Red (89%)
- Yellow (84%)
- Blue (96%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3081, 71.4634, 95.5707 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 72.3081, 71.4634, 95.5707 by changing the saturation by 10% instead.

72.3081, 71.4634,
95.5707

72.3081, 71.4634,
95.5707

457.7543,
465.6717, 567.0213

53.6968, 52.7205,
72.0106

121.5029,
121.2933, 157.0552

38.5890, 37.5797,
52.6804

152.8171,
153.1491, 195.8166

26.6194, 25.6566,
37.1617

189.0962,
190.1446, 240.4821

17.4227, 16.5669,
25.0360

230.7057,
232.6642, 291.4704

10.6335, 9.9262,
15.8846

278.0109,
281.0923, 349.1999

5.8864, 5.3501,
9.2891

331.3772,

2.8161, 2.4541,

335.8133, 414.0892

4.8308

391.1698,
397.2117, 486.5569

■ 1.0573, 0.8535,
2.0913

■ 0.0000, 0.0000,
0.6106

■ 72.3081, 71.4634,
95.5707

■ 72.3081, 71.4634,
95.5707

■ 62.2268, 57.7221,
93.4508

■ 83.6951, 87.2571,
98.0201

■ 53.3950, 45.9378,
91.6417

■ 93.3293, 99.3117,
99.8391

■ 45.7613, 36.0208,
90.1298

■ 39.2683, 27.8706,
88.8989

■ 33.8534, 21.3771,
87.9309

■ 29.4470, 16.4173,
87.2059

■ 25.9703, 12.8502,
86.7006

■ 23.3299, 10.5069,
86.3874

■ 21.6908, 9.2956,
86.2400

Harmonies

Analogous

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



68.7546, 71.4634, 100.1486



72.3081, 71.4634, 95.5707



74.7491, 71.4634, 86.2934

Triad

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



72.3081, 71.4634, 95.5707



70.8243, 71.4634, 60.3779



61.0187, 71.4634, 80.2052

Complementary

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



72.3081, 71.4634, 95.5707



77.8977, 86.7653, 76.9352

Split Complementary

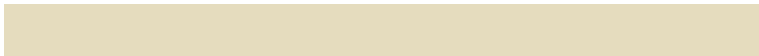
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.5272, 71.4634, 69.9044



72.3081, 71.4634, 95.5707



67.0998, 71.4634, 59.0703

Square

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



72.3081, 71.4634, 95.5707



73.8706, 71.4634, 66.1524



63.7204, 71.4634, 62.4010



62.3050, 71.4634, 90.7659

Rectangle

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



72.3081, 71.4634, 95.5707



75.3687, 71.4634, 79.0418



63.7204, 71.4634, 62.4010



60.9861, 71.4634, 76.5940

Sweetspot

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



72.3102, 71.4664, 95.5723



89.7160, 92.5473, 107.7426



73.3253, 78.9199, 96.9574



18.9939, 19.5179, 23.0162



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.



72.3102, 71.4664, 95.5723



77.4146, 75.5440, 105.1090



76.9415, 73.8539, 95.7890



16.2306, 16.2615, 20.8259



11.9408, 5.1300, 46.8989



1.1634, 0.5096, 4.1273

Inverse Universe

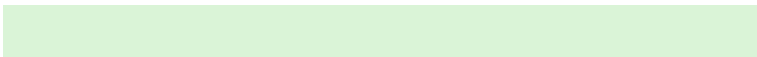
The Inverse Universe completely reimagines the original color for something new.



76.1766, 73.6633, 86.5509



82.4122, 78.3846, 93.4033



73.5025, 84.4995, 76.7295



16.9067, 16.6455, 19.2552



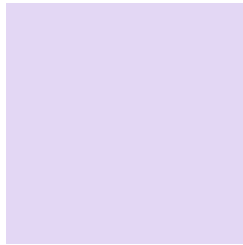
23.0537, 11.5649, 15.5229



2.0773, 1.0369, 1.6333

Previews

White Background



This preview shows how the XYZ color 72.3081, 71.4634, 95.5707 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 72.3081, 71.4634, 95.5707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

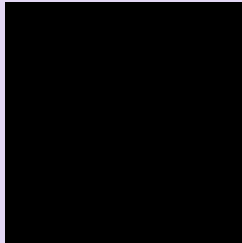
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3081, 71.4634, 95.5707

Background



This preview shows how black text looks on a background with the XYZ color 72.3081, 71.4634, 95.5707.

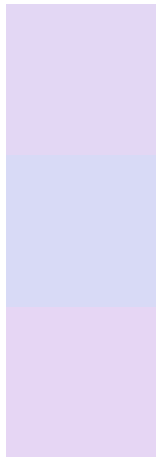


This preview shows how white text looks on a background with the XYZ color 72.3081, 71.4634,

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

72.3081, 71.4634, 95.5707

Protanopia

70.0249, 71.3956, 97.2788

Deuteranopia

73.0088, 71.4478, 95.5308



Tritanopia

70.7155, 71.5738, 87.9299

Trichromacy



Original Color

72.3081, 71.4634, 95.5707

Protanomaly

70.8095, 71.4339, 96.4423

Deuteranomaly

72.6888, 71.2828, 95.5158

Tritanomaly

71.3525, 71.4535, 90.9201

Monochromacy



Original Color

72.3081, 71.4634, 95.5707

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.3549, 72.2235, 85.0953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3081, 71.4634, 95.5707 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.3081, 71.4634, 95.5707 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, 244) }
```


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

```
.border{ border-color:rgb(227, 215, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3081, 71.4634, 95.5707 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, 244) }
```

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

```
.background{ background-color: rgb(227,  
215, 244) }
```

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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