

Converting Colors

XYZ(71.1605, 72.4635, 93.1458)

Have a look what the booklet for
XYZ(71.1605, 72.4635, 93.1458)
contains.

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Color

**XYZ(71.3329, 72.5435,
93.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDBF1
RGB	222, 219, 241
RGB Percent	87%, 86%, 95%
CMY	0.1294, 0.1412, 0.0549
CMYK	0.08, 0.09, 0.00, 0.05
HSL	248°, 44%, 90%
HSV	248°, 9%, 95%
XYZ	71.3329, 72.5435, 93.4617
YIQ	222.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

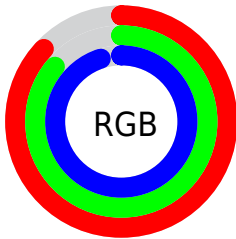
Format	Color
R _Y B	222, 219, 241
Decimal	14605297
CIE Lab	88.23, 5.12, -10.37
CIE LCh	88, 11.561, 296.266
Yxy	72.5435, 0.3006, 0.3057
Android (android.graphics.Color)	4292795377 (0xFFDEDBF1)
YUV	222.4050, 9.1673, -0.3552
Hunter-Lab	85.1725, 0.4439, -5.4395

Details

The XYZ color **71.3329, 72.5435, 93.4617** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.5040, 86.2041, 79.4701**, and the grayscale version is **69.6591, 73.2868, 79.8093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9688, 38.2692, 51.2845** is the 20% darker color. If you saturate the color by 10%, you get **59.5085, 57.7818, 91.2367**, and if you desaturate by 10%, it is **84.8591, 89.5376, 96.0301**.

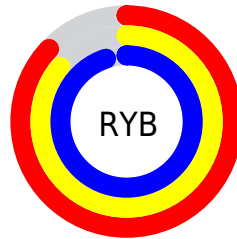
Distribution



Red (87%)

Green (86%)

Blue (95%)



Red (87%)

Yellow (86%)

Blue (95%)

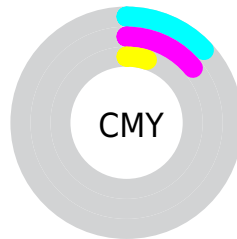


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3329, 72.5435, 93.4617 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 71.3329, 72.5435, 93.4617 by changing the saturation by 10% instead.

■ 71.3329, 72.5435,
93.4617

■ 71.3329, 72.5435,
93.4617

454.4101,
469.4311, 560.0865

■ 52.8974, 53.6028,
70.2655

120.1236,
122.8289, 154.1149

■ 37.9480, 38.2842,
51.2649

151.2094,
154.9424, 192.4090

■ 26.1194, 26.2033,
36.0413

187.2429,
192.2156, 236.5728

■ 17.0461, 16.9758,
24.1761

228.5891,
235.0329, 287.0249

■ 10.3629, 10.2172,
15.2509

275.6136,
283.7787, 344.1837

■ 5.7043, 5.5432,
8.8471

328.6817,

■ 2.7051, 2.5694,

338.8375, 408.4679

4.5461

388.1588,
400.5934, 480.2960

■ 0.9998, 0.9113,
1.9295

■ 0.0000, 0.0000,
0.5114

■ 71.3329, 72.5435,
93.4617

■ 71.3329, 72.5435,
93.4617

■ 59.5085, 57.7818,
91.2367

■ 84.8591, 89.5376,
96.0301

■ 49.3118, 45.1507,
89.3361

■ 92.8774, 99.1310,
97.4592

■ 40.6730, 34.5542,
87.7461

■ 33.5147, 25.8852,
86.4501

■ 27.7526, 19.0269,
85.4300

■ 23.2939, 13.8497,
84.6657

■ 20.0343, 10.2065,
84.1343

■ 17.8527, 7.9243,
83.8088

■ 16.5816, 6.7479,
83.6487

Harmonies

Analogous

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



68.6043, 72.5435, 95.1969



71.3329, 72.5435, 93.4617



73.4724, 72.5435, 87.7594

Triad

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



71.3329, 72.5435, 93.4617



71.9489, 72.5435, 66.9762



63.7741, 72.5435, 77.9988

Complementary

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



71.3329, 72.5435, 93.4617



79.5040, 86.2041, 79.4701

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.



64.6179, 72.5435, 70.8206



71.3329, 72.5435, 93.4617



69.2977, 72.5435, 64.7312

Square

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



71.3329, 72.5435, 93.4617



73.8347, 72.5435, 72.4316



66.6216, 72.5435, 66.0907



64.2864, 72.5435, 85.9275

Rectangle

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



71.3329, 72.5435, 93.4617



74.2514, 72.5435, 82.6624



66.6216, 72.5435, 66.0907



63.9079, 72.5435, 75.4232

Sweetspot

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



71.3350, 72.5466, 93.4633



90.2685, 93.9840, 107.9908



75.6868, 82.6008, 95.1746



19.0541, 19.7808, 23.0638



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.



71.3350, 72.5466, 93.4633



78.3867, 79.0818, 105.7406



74.7937, 74.3295, 93.6252



15.0975, 15.3320, 19.8852



9.0111, 3.6508, 45.3576



0.8119, 0.3358, 3.7762

Inverse Universe

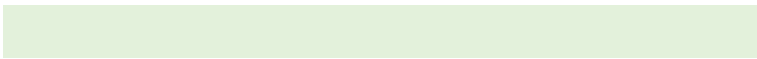
The Inverse Universe completely reimagines the original color for something new.



77.0422, 75.5400, 91.4125



86.1361, 83.1471, 102.9234



75.9433, 84.3685, 79.3035



16.3562, 15.9922, 19.4320



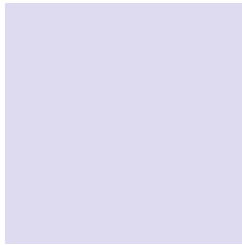
25.8936, 12.6299, 33.6858



2.1795, 1.0608, 2.9359

Previews

White Background



This preview shows how the XYZ color 71.3329, 72.5435, 93.4617 looks on a white background.

Color Contrast Check

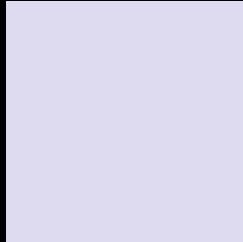
Large Text (above 18pt) WCAG AA × Fail

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 71.3329, 72.5435, 93.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

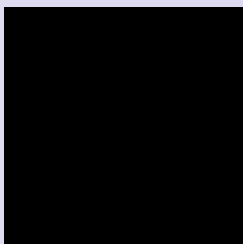
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3329, 72.5435, 93.4617

Background



This preview shows how black text looks on a background with the XYZ color 71.3329, 72.5435, 93.4617.

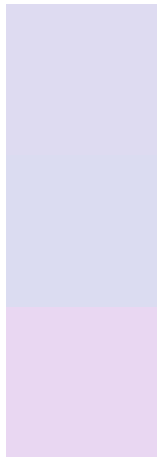


This preview shows how white text looks on a background with the XYZ color 71.3329, 72.5435,

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

71.3329, 72.5435, 93.4617

Protanopia

70.6838, 72.5973, 93.5063

Deuteranopia

73.9317, 72.3353, 94.0699



Tritanopia

70.6981, 72.6730, 90.4219

Trichromacy



Original Color

71.3329, 72.5435, 93.4617

Protanomaly

70.9856, 72.7529, 93.5205

Deuteranomaly

72.8960, 72.1806, 94.0946

Tritanomaly

70.8446, 72.7316, 91.1936

Monochromacy



Original Color

71.3329, 72.5435, 93.4617

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1235, 72.8996, 84.5039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3329, 72.5435, 93.4617 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(222, 219, 241)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 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(222, 219, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.3329, 72.5435, 93.4617 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(222, 219, 241) }
```


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

```
.border{ border-color:rgb(222, 219, 241) }
```

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

Here you see how a box with a 4 pixel rgb(222, 219, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 241);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3329, 72.5435, 93.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 241) }
```

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

```
.background{ background-color: rgb(222,  
219, 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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