

Converting Colors

XYZ(74.4602, 73.6654, 93.7165)

Have a look what the booklet for
XYZ(74.4602, 73.6654, 93.7165)
contains.

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Color

**XYZ(74.5529, 73.8173,
93.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DAF1
RGB	233, 218, 241
RGB Percent	91%, 85%, 95%
CMY	0.0863, 0.1451, 0.0549
CMYK	0.03, 0.10, 0.00, 0.05
HSL	279°, 45%, 90%
HSV	279°, 10%, 95%
XYZ	74.5529, 73.8173, 93.5379
YIQ	225.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

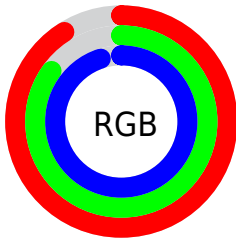
Format	Color
R _Y B	233, 218, 241
Decimal	15325937
CIE Lab	88.84, 9.24, -9.37
CIE LCh	89, 13.161, 314.585
Yxy	73.8173, 0.3082, 0.3051
Android (android.graphics.Color)	4293516017 (0xFFE9DAF1)
YUV	225.1070, 7.8352, 6.9222
Hunter-Lab	85.9170, 4.5354, -4.4072

Details

The XYZ color **74.5529, 73.8173, 93.5379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4768, 84.1432, 78.5965**, and the grayscale version is **71.5915, 75.3198, 82.0233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9856, 39.0443, 51.3278** is the 20% darker color. If you saturate the color by 10%, you get **66.0806, 60.8386, 91.4804**, and if you desaturate by 10%, it is **84.0683, 88.6867, 95.9076**.

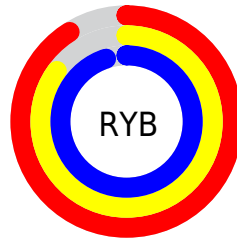
Distribution



Red (91%)

Green (85%)

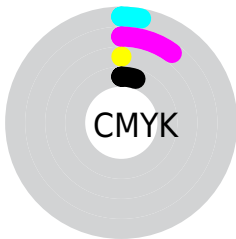
Blue (95%)



Red (91%)

Yellow (85%)

Blue (95%)

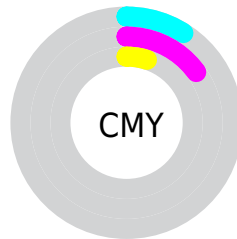


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5529, 73.8173, 93.5379 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 74.5529, 73.8173, 93.5379 by changing the saturation by 10% instead.

74.5529, 73.8173,
93.5379

74.5529, 73.8173,
93.5379

465.4003,
473.8426, 560.3379

55.5396, 54.6445,
70.3285

124.6706,
124.6368, 154.2213

40.0694, 39.1172,
51.3159

156.5056,
157.0523, 192.5323

27.7771, 26.8509,
36.0816

193.3453,
194.6508, 236.7143

18.2973, 17.4613,
24.2071

235.5549,
237.8167, 287.1858

11.2646, 10.5639,
15.2737

283.4999,
286.9345, 344.3654

6.3137, 5.7744,
8.8629

337.5455,

3.0792, 2.7084,

342.3884, 408.6716

4.5563

398.0572,
404.5630, 480.5229

■ 1.1958, 0.9815,
1.9352

■ 0.1031, 0.0000,
0.5150

■ 74.5529, 73.8173,
93.5379

■ 74.5529, 73.8173,
93.5379

■ 66.0806, 60.8386,
91.4804

■ 84.0683, 88.6867,
95.9076

■ 58.6039, 49.6621,
89.7172

■ 90.9790, 98.1523,
97.3704

■ 52.0815, 40.2062,
88.2358

■ 92.8774, 99.1310,
97.4592

■ 46.4660, 32.3793,
87.0210

■ 41.7059, 26.0812,
86.0562

■ 37.7439, 21.2000,
85.3229

■ 34.5148, 17.6083,
84.7998

■ 31.9414, 15.1548,
84.4619

■ 29.9016, 13.5985,
84.2690

Harmonies

Analogous

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



71.7162, 73.8173, 98.5905



74.5529, 73.8173, 93.5379



76.2383, 73.8173, 85.1320

Triad

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



74.5529, 73.8173, 93.5379



71.8032, 73.8173, 64.6099



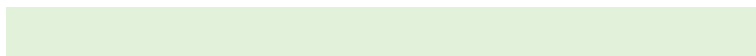
64.3941, 73.8173, 84.8771

Complementary

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



74.5529, 73.8173, 93.5379



75.4768, 84.1432, 78.5965

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.



64.4158, 73.8173, 75.7976



74.5529, 73.8173, 93.5379



68.6287, 73.8173, 64.5530

Square

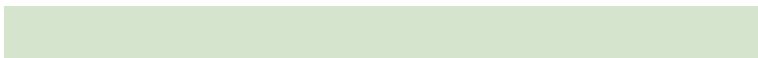
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5529, 73.8173, 93.5379



74.6183, 73.8173, 68.6696



65.9453, 73.8173, 68.5079



65.8851, 73.8173, 93.3391

Rectangle

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



74.5529, 73.8173, 93.5379



76.4508, 73.8173, 78.9792



65.9453, 73.8173, 68.5079



64.2262, 73.8173, 81.7861

Sweetspot

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



74.5551, 73.8205, 93.5395



91.6856, 94.7146, 108.0571



72.0034, 75.6792, 94.0328



19.4360, 19.9777, 23.0816



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.



74.5551, 73.8205, 93.5395



83.2462, 81.5869, 105.9680



76.7157, 74.9933, 90.9761



15.8895, 15.7403, 19.9223



16.3185, 7.4179, 45.6996



1.4644, 0.6722, 3.8068

Inverse Universe

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



75.0770, 74.3378, 82.3466



83.9388, 82.2682, 91.3522



73.4826, 83.0624, 80.8844



15.9998, 15.8496, 17.5552



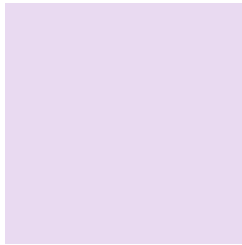
20.5931, 10.5097, 5.7740



1.7585, 0.8924, 0.7190

Previews

White Background



This preview shows how the XYZ color 74.5529, 73.8173, 93.5379 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 74.5529, 73.8173, 93.5379 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

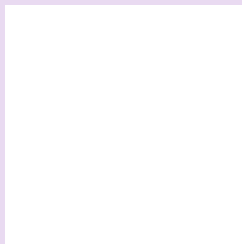
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5529, 73.8173, 93.5379

Background



This preview shows how black text looks on a background with the XYZ color 74.5529, 73.8173, 93.5379.

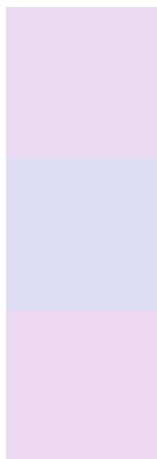


This preview shows how white text looks on a background with the XYZ color 74.5529, 73.8173,

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

74.5529, 73.8173, 93.5379

Protanopia

72.1177, 74.0858, 95.2930

Deuteranopia

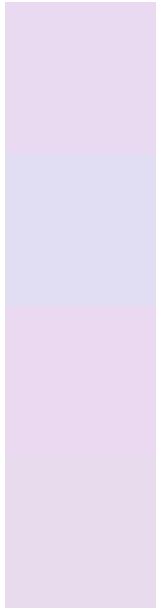
75.2821, 73.8094, 93.4979



Tritanopia

73.7506, 73.8750, 89.7291

Trichromacy



Original Color

74.5529, 73.8173, 93.5379

Protanomaly

72.9348, 74.1313, 94.4691

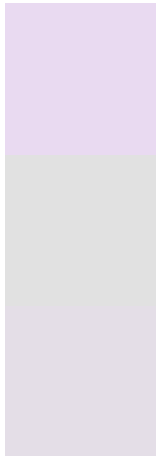
Deuteranomaly

74.9510, 73.6387, 93.4824

Tritanomaly

74.0428, 73.9919, 91.2683

Monochromacy



Original Color

74.5529, 73.8173, 93.5379

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5400, 74.5061, 86.1591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5529, 73.8173, 93.5379 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(233, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(233, 218, 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(233, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 218, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.5529, 73.8173, 93.5379 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(233, 218, 241) }
```


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

```
.border{ border-color:rgb(233, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 218,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5529, 73.8173, 93.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 218, 241) }
```

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

```
.background{ background-color: rgb(233,  
218, 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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