

Converting Colors

XYZ(76.3406, 74.3046, 94.3884)

Have a look what the booklet for
XYZ(76.3406, 74.3046, 94.3884)
contains.

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Color

**XYZ(76.4365, 74.3872,
94.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD9F2
RGB	239, 217, 242
RGB Percent	94%, 85%, 95%
CMY	0.0627, 0.1490, 0.0510
CMYK	0.01, 0.10, 0.00, 0.05
HSL	293°, 49%, 90%
HSV	293°, 10%, 95%
XYZ	76.4365, 74.3872, 94.3339
YIQ	226.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

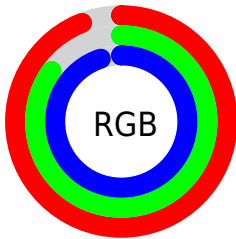
Format	Color
R _Y B	239, 217, 242
Decimal	15718898
CIE Lab	89.11, 11.93, -9.45
CIE LCh	89, 15.217, 321.625
Yxy	74.3872, 0.3118, 0.3034
Android (android.graphics.Color)	4293908978 (0xFFEFD9F2)
YUV	226.4280, 7.6770, 11.0256
Hunter-Lab	86.2480, 7.2599, -4.4749

Details

The XYZ color **76.4365, 74.3872, 94.3339** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.7943, 83.7315, 77.9217**, and the grayscale version is **72.5439, 76.3218, 83.1145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3117, 39.4531, 51.8922** is the 20% darker color. If you saturate the color by 10%, you get **69.6787, 62.3144, 92.3609**, and if you desaturate by 10%, it is **84.1290, 88.3038, 96.6157**.

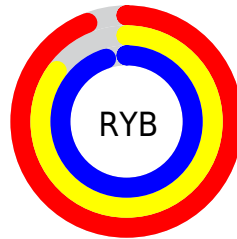
Distribution



Red (94%)

Green (85%)

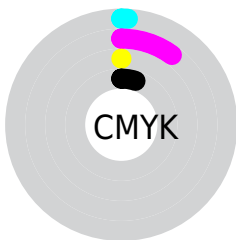
Blue (95%)



Red (94%)

Yellow (85%)

Blue (95%)

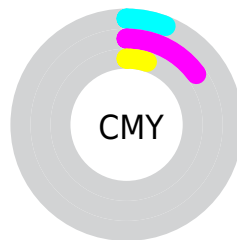


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4365, 74.3872, 94.3339 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 76.4365, 74.3872, 94.3339 by changing the saturation by 10% instead.

76.4365, 74.3872,
94.3339

76.4365, 74.3872,
94.3339

471.7621,
475.8087, 562.9601

57.0888, 55.1110,
70.9869

127.3208,
125.4445, 155.3317

41.3170, 39.4906,
51.8497

159.5881,
157.9945, 193.8195

28.7556, 27.1416,
36.5039

196.8927,
195.7378, 238.1914

19.0394, 17.6796,
24.5308

239.5999,
239.0588, 288.8659

11.8029, 10.7202,
15.5120

288.0751,
288.3421, 346.2614

6.6809, 5.8790,
9.0289

342.6836,

3.3079, 2.7717,

343.9719, 410.7966

4.6630

403.7908,
406.3326, 482.8900

■ 1.3186, 1.0137,
1.9957

■ 0.1971, 0.0000,
0.5526

■ 76.4365, 74.3872,
94.3339

■ 76.4365, 74.3872,
94.3339

■ 69.6787, 62.3144,
92.3609

■ 84.1290, 88.3038,
96.6157

■ 63.8094, 51.9964,
90.6787

■ 89.3771, 97.3092,
98.0774

■ 58.7881, 43.3513,
89.2746

■ 90.3973, 97.8351,
98.1251

■ 54.5687, 36.2868,
88.1335

■ 91.4334, 98.3692,
98.1736

■ 51.1005, 30.7019,
87.2382

■ 92.4855, 98.9116,
98.2228

■ 48.3270, 26.4834,
86.5702

■ 93.0272, 99.1909,
98.2482

■ 46.1834, 23.5021,
86.1077

■ 44.5926, 21.6037,
85.8251

■ 43.4565, 20.5512,
85.6819

Harmonies

Analogous

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



73.3610, 74.3872, 101.4822



76.4365, 74.3872, 94.3339



77.9881, 74.3872, 84.0035

Triad

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



76.4365, 74.3872, 94.3339



71.7456, 74.3872, 62.4392



64.2844, 74.3872, 88.7495

Complementary

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



76.4365, 74.3872, 94.3339



73.7943, 83.7315, 77.9217

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.



63.8859, 74.3872, 78.0592



76.4365, 74.3872, 94.3339



68.1096, 74.3872, 63.4692

Square

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



76.4365, 74.3872, 94.3339



75.2186, 74.3872, 66.0290



65.2633, 74.3872, 68.9768



66.3714, 74.3872, 98.0671

Rectangle

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



76.4365, 74.3872, 94.3339



77.9133, 74.3872, 76.9528



65.2633, 74.3872, 68.9768



63.9515, 74.3872, 85.1764

Sweetspot

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



76.4387, 74.3904, 94.3355



92.3210, 95.0421, 108.0869



70.3261, 72.5275, 94.2981



19.6079, 20.0663, 23.0897



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.



76.4387, 74.3904, 94.3355



84.7152, 81.3168, 105.8385



76.1172, 74.3798, 87.3131



16.2567, 15.9295, 19.9395



23.4225, 11.0802, 46.0321



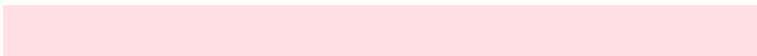
2.0007, 0.9487, 3.8319

Inverse Universe

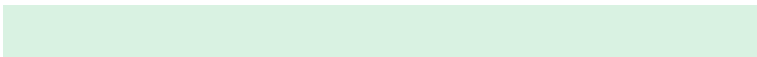
The Inverse Universe completely reimagines the original color for something new.



74.3516, 73.6735, 78.0152



82.0169, 80.3920, 84.6457



74.1203, 83.7580, 84.3346



15.8499, 15.7897, 16.7661



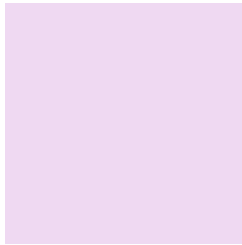
19.8166, 10.1991, 1.6848



1.6734, 0.8584, 0.2708

Previews

White Background



This preview shows how the XYZ color 76.4365, 74.3872, 94.3339 looks on a white background.

Color Contrast Check

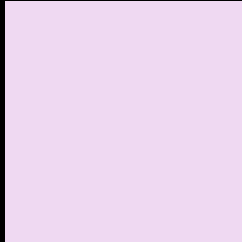
Large Text (above 18pt) WCAG AA × Fail

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 76.4365, 74.3872, 94.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

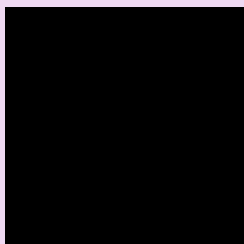
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4365, 74.3872, 94.3339

Background



This preview shows how black text looks on a background with the XYZ color 76.4365, 74.3872, 94.3339.



This preview shows how white text looks on a background with the XYZ color 76.4365, 74.3872,

94.3339.

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

76.4365, 74.3872, 94.3339

Protanopia

72.7269, 74.3647, 96.9069

Deuteranopia

76.0235, 74.5581, 94.3887



Tritanopia

75.3267, 74.3181, 88.9719

Trichromacy



Original Color

76.4365, 74.3872, 94.3339

Protanomaly

73.9172, 74.2120, 96.0164

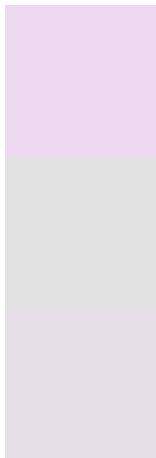
Deuteranomaly

76.3583, 74.7308, 94.4044

Tritanomaly

75.7639, 74.4930, 91.2743

Monochromacy



Original Color

76.4365, 74.3872, 94.3339

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9082, 75.5905, 87.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4365, 74.3872, 94.3339 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(239, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 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(239, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.4365, 74.3872, 94.3339 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(239, 217, 242) }
```


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

```
.border{ border-color:rgb(239, 217, 242) }
```

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

Here you see how a box with a 4 pixel rgb(239, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4365, 74.3872, 94.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 242) }
```

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

```
.background{ background-color: rgb(239,  
217, 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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