

Converting Colors

XYZ(75.6920, 74.0735, 94.1749)

Have a look what the booklet for
XYZ(75.6920, 74.0735, 94.1749)
contains.

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Color

**XYZ(75.7649, 74.0410,
94.3025)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD9F2
RGB	237, 217, 242
RGB Percent	93%, 85%, 95%
CMY	0.0706, 0.1490, 0.0510
CMYK	0.02, 0.10, 0.00, 0.05
HSL	288°, 49%, 90%
HSV	288°, 10%, 95%
XYZ	75.7649, 74.0410, 94.3025
YIQ	225.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

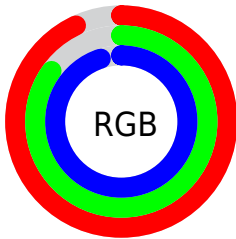
Format	Color
R _Y B	237, 217, 242
Decimal	15587826
CIE Lab	88.94, 11.27, -9.71
CIE LCh	89, 14.873, 319.254
Yxy	74.0410, 0.3104, 0.3033
Android (android.graphics.Color)	4293777906 (0xFFEDD9F2)
YUV	225.8300, 7.9718, 9.7961
Hunter-Lab	86.0471, 6.5878, -4.7454

Details

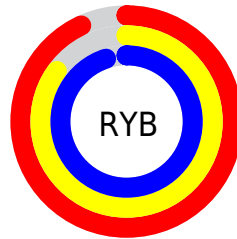
The XYZ color **75.7649, 74.0410, 94.3025** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.4034, 84.0455, 77.9502**, and the grayscale version is **72.1100, 75.8654, 82.6174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8393, 39.2096, 51.8701** is the 20% darker color. If you saturate the color by 10%, you get **68.3852, 61.6475, 92.3004**, and if you desaturate by 10%, it is **84.1072, 88.2926, 96.6148**.

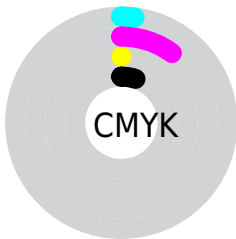
Distribution



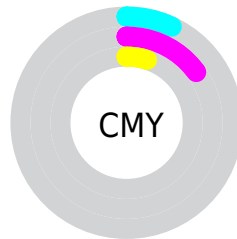
- Red (93%)
- Green (85%)
- Blue (95%)



- Red (93%)
- Yellow (85%)
- Blue (95%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7649, 74.0410, 94.3025 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 75.7649, 74.0410, 94.3025 by changing the saturation by 10% instead.

75.7649, 74.0410,
94.3025

75.7649, 74.0410,
94.3025

469.4993,
474.6149, 562.8568

56.5361, 54.8276,
70.9609

126.3767,
124.9539, 155.2879

40.8716, 39.2637,
51.8287

158.4903,
157.4222, 193.7688

28.4060, 26.9649,
36.4872

195.6297,
195.0776, 238.1332

18.7740, 17.5469,
24.5180

238.1601,
238.3045, 288.7997

11.6101, 10.6252,
15.5026

286.4469,
287.4873, 346.1867

6.5491, 5.8154,
9.0224

340.8555,

3.2255, 2.7332,

343.0104, 410.7129

4.6588

401.7512,
405.2581, 482.7967

■ 1.2741, 0.9941,
1.9933

■ 0.1637, 0.0000,
0.5511

■ 75.7649, 74.0410,
94.3025

■ 75.7649, 74.0410,
94.3025

■ 68.3852, 61.6475,
92.3004

■ 84.1072, 88.2926,
96.6148

■ 61.9216, 51.0232,
90.5903

■ 90.0332, 97.6474,
98.1081

■ 56.3334, 42.0858,
89.1598

■ 91.7597, 98.5374,
98.1889

■ 51.5741, 34.7431,
87.9933

■ 93.0272, 99.1909,
98.2482

■ 47.5928, 28.8936,
87.0741

■ 44.3327, 24.4243,
86.3833

■ 41.7288, 21.2057,
85.8993

■ 39.7036, 19.0834,
85.5964

■ 38.1718, 17.8268,
85.4346

Harmonies

Analogous

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



72.6877, 74.0410, 100.8803



75.7649, 74.0410, 94.3025



77.4163, 74.0410, 84.3818

Triad

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



75.7649, 74.0410, 94.3025



71.6759, 74.0410, 62.6213



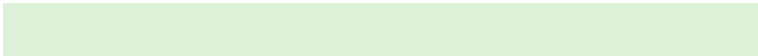
64.0218, 74.0410, 87.3531

Complementary

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



75.7649, 74.0410, 94.3025



74.4034, 84.0455, 77.9502

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.



63.7718, 74.0410, 76.9680



75.7649, 74.0410, 94.3025



68.1094, 74.0410, 63.2687

Square

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



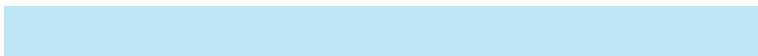
75.7649, 74.0410, 94.3025



75.0025, 74.0410, 66.4750



65.2446, 74.0410, 68.3260



65.9395, 74.0410, 96.6370

Rectangle

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



75.7649, 74.0410, 94.3025



77.4497, 74.0410, 77.4630



65.2446, 74.0410, 68.3260



63.7424, 74.0410, 83.8576

Sweetspot

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



75.7671, 74.0442, 94.3041



92.0972, 94.9267, 108.0764



70.8774, 73.6300, 94.4819



19.5473, 20.0351, 23.0869



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.



75.7671, 74.0442, 94.3041



83.8372, 80.8642, 105.7974



76.4164, 74.4995, 88.8883



16.1265, 15.8624, 19.9334



20.6203, 9.6355, 45.9009



1.7931, 0.8416, 3.8222

Inverse Universe

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



74.6182, 73.7802, 79.4190



82.3595, 80.5290, 86.4497



73.8358, 83.6442, 82.8367



15.9021, 15.8105, 17.0404



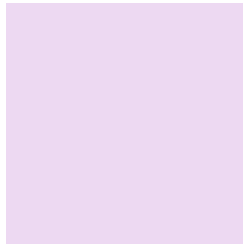
20.0011, 10.2729, 2.6563



1.6982, 0.8683, 0.4015

Previews

White Background



This preview shows how the XYZ color 75.7649, 74.0410, 94.3025 looks on a white background.

Color Contrast Check

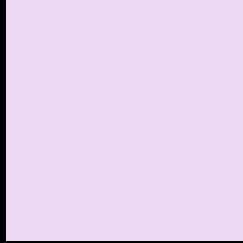
Large Text (above 18pt) WCAG AA × Fail

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 75.7649, 74.0410, 94.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

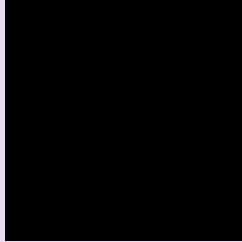
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7649, 74.0410, 94.3025

Background



This preview shows how black text looks on a background with the XYZ color 75.7649, 74.0410, 94.3025.



This preview shows how white text looks on a background with the XYZ color 75.7649, 74.0410,

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

75.7649, 74.0410, 94.3025

Protanopia

72.4215, 74.2073, 96.8926

Deuteranopia

75.7649, 74.0410, 94.3025



Tritanopia

74.6589, 73.9738, 88.9407

Trichromacy



Original Color

75.7649, 74.0410, 94.3025

Protanomaly

73.6009, 74.0489, 96.0016

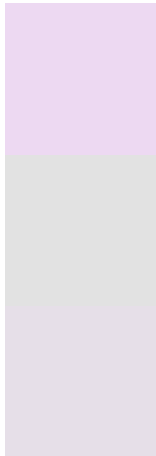
Deuteranomaly

75.7649, 74.0410, 94.3025

Tritanomaly

75.0961, 74.1487, 91.2431

Monochromacy



Original Color

75.7649, 74.0410, 94.3025

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5863, 75.4245, 87.0239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7649, 74.0410, 94.3025 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(237, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.7649, 74.0410, 94.3025 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(237, 217, 242) }
```


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

```
.border{ border-color:rgb(237, 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(237, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7649, 74.0410, 94.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 217, 242) }
```

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

```
.background{ background-color: rgb(237,  
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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