

Converting Colors

XYZ(76.6920, 74.7038, 94.1933)

Have a look what the booklet for
XYZ(76.6920, 74.7038, 94.1933)
contains.

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Color

**XYZ(76.7750, 74.5618,
94.3498)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9F2
RGB	240, 217, 242
RGB Percent	94%, 85%, 95%
CMY	0.0588, 0.1490, 0.0510
CMYK	0.01, 0.10, 0.00, 0.05
HSL	295°, 49%, 90%
HSV	295°, 10%, 95%
XYZ	76.7750, 74.5618, 94.3498
YIQ	226.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

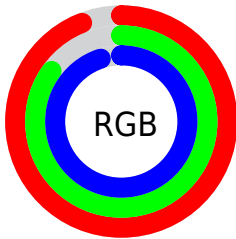
Format	Color
R _Y B	240, 217, 242
Decimal	15784434
CIE Lab	89.19, 12.26, -9.32
CIE LCh	89, 15.399, 322.772
Yxy	74.5618, 0.3125, 0.3035
Android (android.graphics.Color)	4293974514 (0xFFFF0D9F2)
YUV	226.7270, 7.5296, 11.6404
Hunter-Lab	86.3492, 7.5973, -4.3391

Details

The XYZ color **76.7750, 74.5618, 94.3498** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4928, 83.5761, 77.9078**, and the grayscale version is **72.7614, 76.5507, 83.3637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5504, 39.5762, 51.9034** is the 20% darker color. If you saturate the color by 10%, you get **70.3359, 62.6533, 92.3917**, and if you desaturate by 10%, it is **84.1401, 88.3096, 96.6163**.

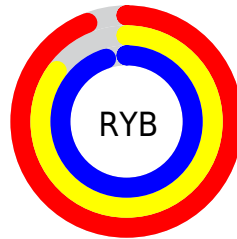
Distribution



Red (94%)

Green (85%)

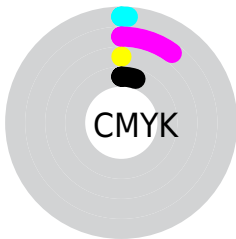
Blue (95%)



Red (94%)

Yellow (85%)

Blue (95%)

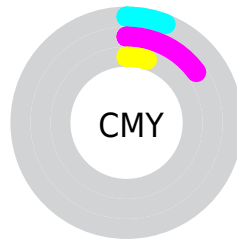


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7750, 74.5618, 94.3498 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 76.7750, 74.5618, 94.3498 by changing the saturation by 10% instead.

76.7750, 74.5618,
94.3498

76.7750, 74.5618,
94.3498

472.9003,
476.4101, 563.0124

57.3675, 55.2540,
71.0000

127.7964,
125.6919, 155.3539

41.5417, 39.6051,
51.8604

160.1409,
158.2829, 193.8452

28.9321, 27.2308,
36.5123

197.5286,
196.0705, 238.2209

19.1735, 17.7466,
24.5373

240.3246,
239.4390, 288.8994

11.9005, 10.7682,
15.5168

288.8945,
288.7728, 346.2992

6.7476, 5.9112,
9.0323

343.6035,

3.3497, 2.7912,

344.4563, 410.8390

4.6651

404.8169,
406.8739, 482.9372

■ 1.3413, 1.0237,
1.9969

■ 0.2138, 0.0000,
0.5534

■ 76.7750, 74.5618,
94.3498

■ 76.7750, 74.5618,
94.3498

■ 70.3359, 62.6533,
92.3917

■ 84.1401, 88.3096,
96.6163

■ 64.7767, 52.4951,
90.7240

■ 89.0518, 97.1415,
98.0622

■ 60.0568, 44.0054,
89.3341

■ 89.7268, 97.4895,
98.0938

■ 56.1302, 37.0919,
88.2066

■ 90.4089, 97.8411,
98.1257

■ 52.9463, 31.6534,
87.3247

■ 91.0982, 98.1964,
98.1579

■ 50.4486, 27.5771,
86.6695

■ 91.7945, 98.5554,
98.1905

■ 48.5724, 24.7337,
86.2196

■ 92.4980, 98.9180,
98.2235

■ 47.2406, 22.9688,
85.9491

■ 93.0272, 99.1909,
98.2482

■ 46.3471, 22.0414,
85.8172

Harmonies

Analogous

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



73.7005, 74.5618, 101.7846



76.7750, 74.5618, 94.3498



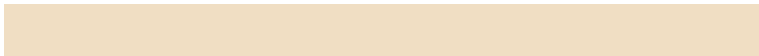
78.2762, 74.5618, 83.8150

Triad

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



76.7750, 74.5618, 94.3498



71.7812, 74.5618, 62.3494



64.4172, 74.5618, 89.4553

Complementary

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



76.7750, 74.5618, 94.3498



73.4928, 83.5761, 77.9078

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.



63.9441, 74.5618, 78.6109



76.7750, 74.5618, 94.3498



68.1105, 74.5618, 63.5712

Square

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



76.7750, 74.5618, 94.3498



75.3276, 74.5618, 65.8075



65.2735, 74.5618, 69.3058



66.5894, 74.5618, 98.7892

Rectangle

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



76.7750, 74.5618, 94.3498



78.1467, 74.5618, 76.6988



65.2735, 74.5618, 69.3058



64.0574, 74.5618, 85.8431

Sweetspot

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



76.7772, 74.5650, 94.3514



92.4331, 95.0999, 108.0921



69.9988, 71.8728, 94.1890



19.6383, 20.0820, 23.0911



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.



76.7772, 74.5650, 94.3514



85.1582, 81.5452, 105.8592



75.9396, 74.3088, 86.3769



16.3222, 15.9633, 19.9426



24.9526, 11.8689, 46.1037



2.1125, 1.0063, 3.8371

Inverse Universe

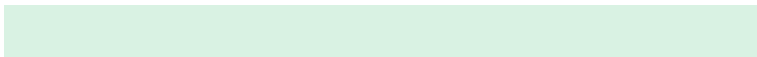
The Inverse Universe completely reimagines the original color for something new.



74.2197, 73.6209, 77.3202



81.8475, 80.3243, 83.7537



74.2928, 83.8270, 85.2423



15.8241, 15.7794, 16.6301



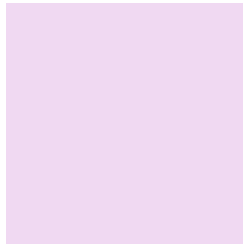
19.7555, 10.1746, 1.3631



1.6611, 0.8535, 0.2061

Previews

White Background



This preview shows how the XYZ color 76.7750, 74.5618, 94.3498 looks on a white background.

Color Contrast Check

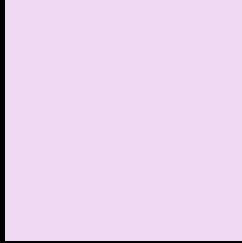
Large Text (above 18pt) WCAG AA × Fail

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 76.7750, 74.5618, 94.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

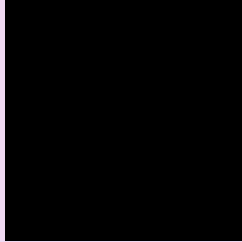
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7750, 74.5618, 94.3498

Background



This preview shows how black text looks on a background with the XYZ color 76.7750, 74.5618, 94.3498.

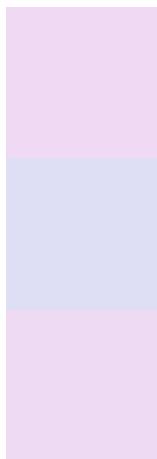


This preview shows how white text looks on a background with the XYZ color 76.7750, 74.5618,

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

76.7750, 74.5618, 94.3498

Protanopia

72.9933, 74.8975, 96.9957

Deuteranopia

76.3583, 74.7308, 94.4044



Tritanopia

75.6634, 74.4917, 88.9877

Trichromacy



Original Color

76.7750, 74.5618, 94.3498

Protanomaly

74.4987, 74.9026, 96.1191

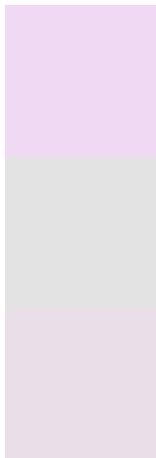
Deuteranomaly

76.6950, 74.9043, 94.4201

Tritanomaly

76.1006, 74.6666, 91.2901

Monochromacy



Original Color

76.7750, 74.5618, 94.3498

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2319, 75.7574, 87.0541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7750, 74.5618, 94.3498 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(240, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.7750, 74.5618, 94.3498 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(240, 217, 242) }
```


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

```
.border{ border-color:rgb(240, 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(240, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7750, 74.5618, 94.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 242) }
```

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

```
.background{ background-color: rgb(240,  
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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