

Converting Colors

XYZ(77.1100, 74.8700, 94.1253)

Have a look what the booklet for
XYZ(77.1100, 74.8700, 94.1253)
contains.

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Color

**XYZ(77.1155, 74.7373,
94.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D9F2
RGB	241, 217, 242
RGB Percent	95%, 85%, 95%
CMY	0.0549, 0.1490, 0.0510
CMYK	0.00, 0.10, 0.00, 0.05
HSL	298°, 49%, 90%
HSV	298°, 10%, 95%
XYZ	77.1155, 74.7373, 94.3657
YIQ	227.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

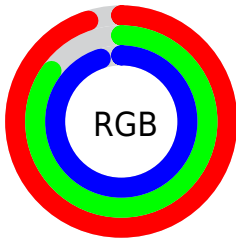
Format	Color
R_{YB}	241, 217, 242
Decimal	15849970
CIE _{Lab}	89.27, 12.59, -9.18
CIE _{LCh}	89, 15.586, 323.895
Yxy	74.7373, 0.3132, 0.3035
Android (android.graphics.Color)	4294040050 (0xFFFF1D9F2)
YUV	227.0260, 7.3822, 12.2552
Hunter-Lab	86.4507, 7.9362, -4.2028

Details

The XYZ color **77.1155, 74.7373, 94.3657** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1927, 83.4214, 77.8937**, and the grayscale version is **72.9793, 76.7799, 83.6133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7908, 39.7001, 51.9146** is the 20% darker color. If you saturate the color by 10%, you get **71.0008, 62.9960, 92.4228**, and if you desaturate by 10%, it is **84.1510, 88.3152, 96.6168**.

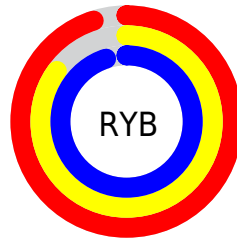
Distribution



Red (95%)

Green (85%)

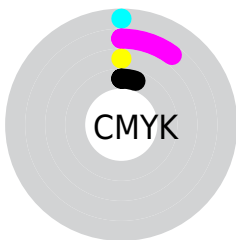
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

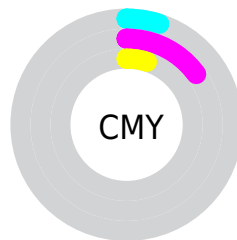


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1155, 74.7373, 94.3657 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 77.1155, 74.7373, 94.3657 by changing the saturation by 10% instead.

77.1155, 74.7373,
94.3657

77.1155, 74.7373,
94.3657

474.0436,
477.0142, 563.0647

57.6479, 55.3977,
71.0132

128.2745,
125.9404, 155.3760

41.7678, 39.7202,
51.8711

160.6966,
158.5728, 193.8709

29.1099, 27.3205,
36.5208

198.1676,
196.4048, 238.2504

19.3086, 17.8141,
24.5438

241.0529,
239.8209, 288.9329

11.9988, 10.8166,
15.5216

289.7178,
289.2055, 346.3371

6.8151, 5.9436,
9.0356

344.5276,

3.3920, 2.8108,

344.9430, 410.8814

4.6673

405.8478,
407.4177, 482.9844

■ 1.3643, 1.0338,
1.9981

■ 0.2306, 0.0000,
0.5541

■ 77.1155, 74.7373,
94.3657

■ 77.1155, 74.7373,
94.3657

■ 71.0008, 62.9960,
92.4228

■ 84.1510, 88.3152,
96.6168

■ 65.7607, 53.0023,
90.7700

■ 88.7278, 96.9745,
98.0470

■ 61.3547, 44.6744,
89.3948

■ 89.0627, 97.1471,
98.0627

■ 57.7368, 37.9201,
88.2817

■ 89.3993, 97.3206,
98.0784

54.8564, 32.6381,
87.4140

89.7376, 97.4950,
98.0942

52.6570, 28.7156,
86.7728

90.0778, 97.6704,
98.1102

51.0740, 26.0233,
86.3366

90.4197, 97.8467,
98.1262

50.0303, 24.4070,
86.0796

90.7634, 98.0238,
98.1422

49.4105, 23.6206,
85.9605

91.1089, 98.2019,
98.1584

Harmonies

Analogous

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



74.0421, 74.7373, 102.0883



77.1155, 74.7373, 94.3657



78.5657, 74.7373, 83.6263

Triad

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



77.1155, 74.7373, 94.3657



71.8169, 74.7373, 62.2598



64.5507, 74.7373, 90.1669

Complementary

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



77.1155, 74.7373, 94.3657



73.1927, 83.4214, 77.8937

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.



64.0026, 74.7373, 79.1668



77.1155, 74.7373, 94.3657



68.1115, 74.7373, 63.6740

Square

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



77.1155, 74.7373, 94.3657



75.4371, 74.7373, 65.5862



65.2839, 74.7373, 69.6370



66.8087, 74.7373, 99.5166

Rectangle

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



77.1155, 74.7373, 94.3657



78.3812, 74.7373, 76.4449



65.2839, 74.7373, 69.6370



64.1638, 74.7373, 86.5152

Sweetspot

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



77.1177, 74.7405, 94.3673



92.5454, 95.1578, 108.0974



69.7818, 71.4388, 94.1167



19.6687, 20.0977, 23.0925



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

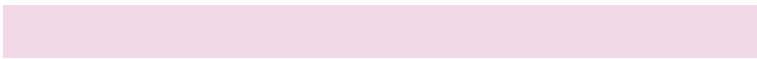
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1177, 74.7405, 94.3673



85.6044, 81.7752, 105.8801



75.8217, 74.2617, 85.7564



16.3881, 15.9973, 19.9456



26.5724, 12.7040, 46.1795



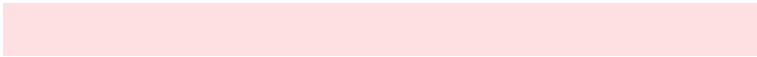
2.2299, 1.0668, 3.8426

Inverse Universe

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



74.0883, 73.5683, 76.6286



81.6792, 80.2569, 82.8674



74.4083, 83.8732, 85.8510



15.7984, 15.7691, 16.4947



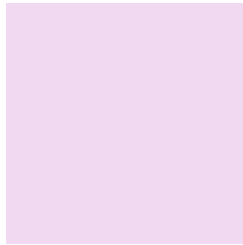
19.7117, 10.1571, 1.1325



1.6488, 0.8486, 0.1413

Previews

White Background



This preview shows how the XYZ color 77.1155, 74.7373, 94.3657 looks on a white background.

Color Contrast Check

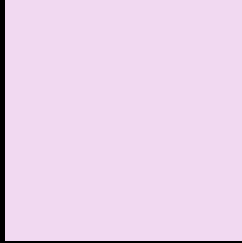
Large Text (above 18pt) WCAG AA × Fail

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 77.1155, 74.7373, 94.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

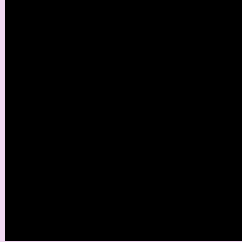
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1155, 74.7373, 94.3657

Background



This preview shows how black text looks on a background with the XYZ color 77.1155, 74.7373, 94.3657.



This preview shows how white text looks on a background with the XYZ color 77.1155, 74.7373,

94.3657.

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

77.1155, 74.7373, 94.3657

Protanopia

73.1464, 74.9588, 97.8020

Deuteranopia

76.3583, 74.7308, 94.4044



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

77.1155, 74.7373, 94.3657

Protanomaly

74.6510, 74.9635, 96.9211

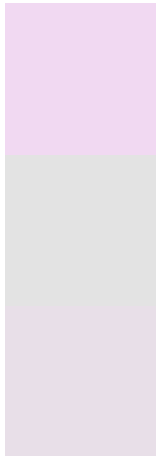
Deuteranomaly

76.6950, 74.9043, 94.4201

Tritanomaly

76.4392, 74.8411, 91.3059

Monochromacy



Original Color

77.1155, 74.7373, 94.3657

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 77.1155, 74.7373, 94.3657 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(241, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.1155, 74.7373, 94.3657 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(241, 217, 242) }
```


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

```
.border{ border-color:rgb(241, 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(241, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1155, 74.7373, 94.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 217, 242) }
```

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

```
.background{ background-color: rgb(241,  
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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