

Converting Colors

XYZ(77.4286, 74.7204, 94.6977)

Have a look what the booklet for
XYZ(77.4286, 74.7204, 94.6977)
contains.

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Color

**XYZ(77.4578, 74.9138,
94.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9F2
RGB	242, 217, 242
RGB Percent	95%, 85%, 95%
CMY	0.0510, 0.1490, 0.0510
CMYK	0.00, 0.10, 0.00, 0.05
HSL	300°, 49%, 90%
HSV	300°, 10%, 95%
XYZ	77.4578, 74.9138, 94.3817
YIQ	227.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

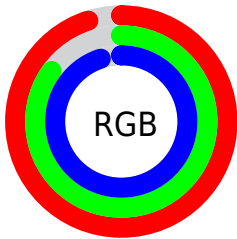
Format	Color
R_{YB}	242, 217, 242
Decimal	15915506
CIE _{Lab}	89.35, 12.92, -9.05
CIE _{LCh}	89, 15.780, 324.993
Yxy	74.9138, 0.3139, 0.3036
Android (android.graphics.Color)	4294105586 (0xFFFF2D9F2)
YUV	227.3250, 7.2348, 12.8700
Hunter-Lab	86.5528, 8.2759, -4.0660

Details

The XYZ color **77.4578, 74.9138, 94.3817** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8947, 83.2678, 77.8799**, and the grayscale version is **73.1975, 77.0095, 83.8633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0330, 39.8249, 51.9260** is the 20% darker color. If you saturate the color by 10%, you get **71.6727, 63.3424, 92.4541**, and if you desaturate by 10%, it is **84.1620, 88.3209, 96.6174**.

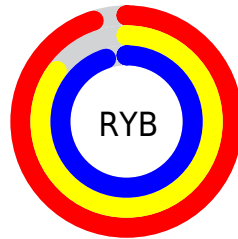
Distribution



Red (95%)

Green (85%)

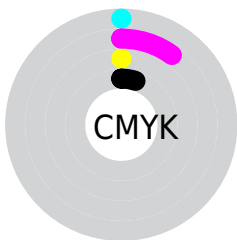
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

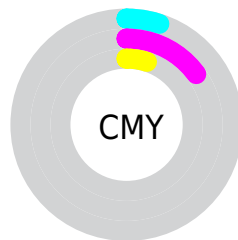


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4578, 74.9138, 94.3817 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 77.4578, 74.9138, 94.3817 by changing the saturation by 10% instead.

77.4578, 74.9138,
94.3817

77.4578, 74.9138,
94.3817

475.1915,
477.6212, 563.1174

57.9299, 55.5423,
71.0264

128.7549,
126.1903, 155.3983

41.9954, 39.8361,
51.8818

161.2549,
158.8641, 193.8968

29.2887, 27.4107,
36.5293

198.8096,
196.7408, 238.2801

19.4447, 17.8819,
24.5503

241.7844,
240.2048, 288.9667

12.0980, 10.8653,
15.5264

290.5446,
289.6404, 346.3752

6.8831, 5.9763,
9.0389

345.4556,

3.4348, 2.8307,

345.4321, 410.9241

4.6694

406.8828,
407.9642, 483.0320

■ 1.3876, 1.0440,
1.9993

■ 0.2474, 0.0000,
0.5549

■ 77.4578, 74.9138,
94.3817

■ 77.4578, 74.9138,
94.3817

■ 71.6727, 63.3424,
92.4541

■ 84.1620, 88.3209,
96.6174

■ 66.7603, 53.5177,
90.8166

■ 88.4057, 96.8084,
98.0321

■ 62.6804, 45.3579,
89.4565

■ 88.4057, 96.8084,
98.0321

■ 59.3868, 38.7707,
88.3586

■ 88.4057, 96.8084,
98.0322

56.8289, 33.6550,
87.5059

88.4058, 96.8084,
98.0323

54.9503, 29.8979,
86.8796

88.4058, 96.8084,
98.0324

53.6864, 27.3701,
86.4582

88.4058, 96.8084,
98.0325

52.9600, 25.9173,
86.2160

88.4058, 96.8084,
98.0326

52.6455, 25.2883,
86.1111

88.4058, 96.8085,
98.0327

Harmonies

Analogous

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



74.3857, 74.9138, 102.3929



77.4578, 74.9138, 94.3817



78.8566, 74.9138, 83.4380

Triad

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



77.4578, 74.9138, 94.3817



71.8532, 74.9138, 62.1712



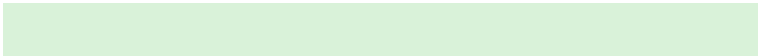
64.6853, 74.9138, 90.8837

Complementary

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



77.4578, 74.9138, 94.3817



72.8947, 83.2678, 77.8799

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.



64.0619, 74.9138, 79.7269



77.4578, 74.9138, 94.3817



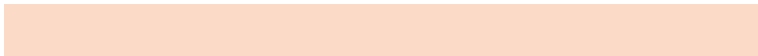
68.1130, 74.9138, 63.7781

Square

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



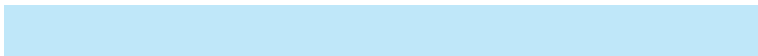
77.4578, 74.9138, 94.3817



75.5471, 74.9138, 65.3659



65.2949, 74.9138, 69.9707



67.0294, 74.9138, 100.2488

Rectangle

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



77.4578, 74.9138, 94.3817



78.6167, 74.9138, 76.1917



65.2949, 74.9138, 69.9707



64.2712, 74.9138, 87.1923

Sweetspot

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



77.4600, 74.9170, 94.3833



92.6579, 95.2158, 108.1026



69.4585, 70.7921, 94.0090



19.6992, 20.1134, 23.0940



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.



77.4600, 74.9170, 94.3833



86.0533, 82.0066, 105.9010



75.6461, 74.1915, 84.8313



16.4543, 16.0314, 19.9487



28.2812, 13.5849, 46.2590



2.3527, 1.1301, 3.8483

Inverse Universe

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



77.4600, 74.9170, 94.3833



86.0533, 82.0066, 105.9010



74.5828, 83.9430, 86.7696



16.4543, 16.0314, 19.9487



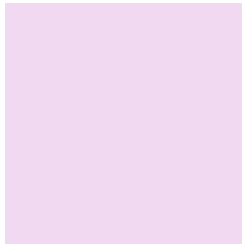
28.2812, 13.5849, 46.2590



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 77.4578, 74.9138, 94.3817 looks on a white background.

Color Contrast Check

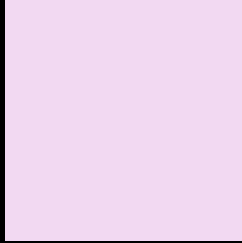
Large Text (above 18pt) WCAG AA × Fail

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 77.4578, 74.9138, 94.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

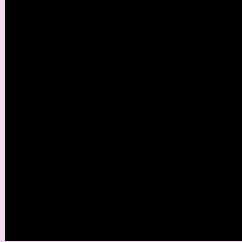
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4578, 74.9138, 94.3817

Background



This preview shows how black text looks on a background with the XYZ color 77.4578, 74.9138, 94.3817.



This preview shows how white text looks on a background with the XYZ color 77.4578, 74.9138,

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

77.4578, 74.9138, 94.3817

Protanopia

73.1464, 74.9588, 97.8020

Deuteranopia

76.6950, 74.9043, 94.4201



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

77.4578, 74.9138, 94.3817

Protanomaly

74.6510, 74.9635, 96.9211

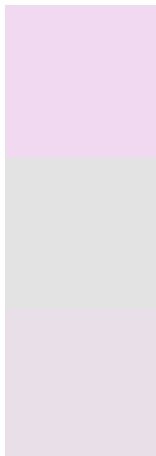
Deuteranomaly

77.0336, 75.0789, 94.4360

Tritanomaly

76.7796, 75.0166, 91.3219

Monochromacy



Original Color

77.4578, 74.9138, 94.3817

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 77.4578, 74.9138, 94.3817 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(242, 217, 242)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 77.4578, 74.9138, 94.3817 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(242, 217, 242) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 77.4578, 74.9138, 94.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(242,  
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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