

Converting Colors

XYZ(116.1255, 92.6109,
95.4425)

Have a look what the booklet for
XYZ(116.1255, 92.6109, 95.4425)
contains.

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Color

**XYZ(80.5613, 74.2593,
94.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3F2
RGB	255, 211, 242
RGB Percent	100%, 83%, 95%
CMY	0.0000, 0.1725, 0.0510
CMYK	0.00, 0.17, 0.05, 0.00
HSL	318°, 100%, 91%
HSV	318°, 17%, 100%
XYZ	80.5613, 74.2593, 94.0918
YIQ	227.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

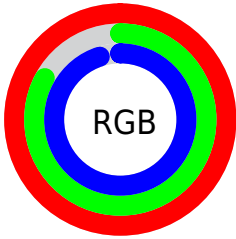
Format	Color
R _Y B	255, 211, 242
Decimal	16765938
CIE Lab	89.04, 20.41, -9.39
CIE LCh	89, 22.463, 335.297
Yxy	74.2593, 0.3237, 0.2983
Android (android.graphics.Color)	4294956018 (0xFFFFD3F2)
YUV	227.6900, 7.0548, 23.9509
Hunter-Lab	86.1738, 16.0700, -4.4161

Details

The XYZ color **80.5613, 74.2593, 94.0918** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.0808, 90.7518, 84.0311**, and the grayscale version is **73.4596, 77.2852, 84.1636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0401, 39.3279, 51.7242** is the 20% darker color. If you saturate the color by 10%, you get **73.6134, 62.1373, 86.3080**, and if you desaturate by 10%, it is **88.5639, 88.4156, 102.4593**.

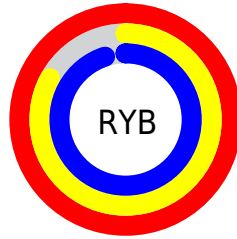
Distribution



Red (100%)

Green (83%)

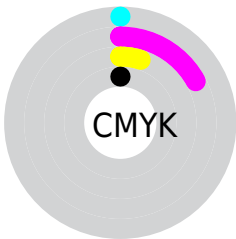
Blue (95%)



Red (100%)

Yellow (83%)

Blue (95%)

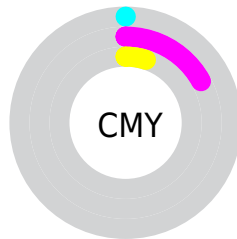


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5613, 74.2593, 94.0918 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 80.5613, 74.2593, 94.0918 by changing the saturation by 10% instead.


 80.5613, 74.2593,
94.0918

 80.5613, 74.2593,
94.0918


485.5302,
475.3678, 562.1633

 60.4904, 55.0063,
70.7866


133.1010,
125.2633, 154.9941

 44.0650, 39.4068,
51.6873


166.3005,
157.7831, 193.4282

 30.9198, 27.0763,
36.3754


204.6069,
195.4940, 237.7424

 20.6893, 17.6305,
24.4323

248.3856,
238.7803, 288.3552

 13.0082, 10.6851,
15.4394

298.0019,
288.0264, 345.6852

 7.5113, 5.8555,
8.9783

353.8212,

 3.8330, 2.7574,

343.6168, 410.1508

4.6304

416.2089,
405.9358, 482.1706

■ 1.6081, 1.0064,
1.9772

■ 0.3977, 0.0000,
0.5412

■ 80.5613, 74.2593,
94.0918

■ 80.5613, 74.2593,
94.0918

■ 73.6134, 62.1373,
86.3080

■ 88.5639, 88.4156,
102.4593

■ 67.6676, 51.9459,
79.0844

95.0500, 100.0000,
108.9000

■ 62.6739, 43.5858,
72.4027

■ 58.5758, 36.9451,
66.2413

■ 55.3108, 31.8997,
60.5763

■ 52.8080, 28.3085,
55.3813

■ 50.9839, 26.0059,
50.6253

■ 49.7313, 24.7782,
46.2696

■ 49.4433, 24.5413,
45.1279

Harmonies

Analogous

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



76.8267, 74.2593, 107.9797



80.5613, 74.2593, 94.0918



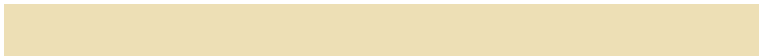
81.5664, 74.2593, 78.1101

Triad

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



80.5613, 74.2593, 94.0918



69.6159, 74.2593, 54.4465



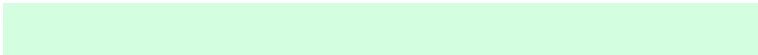
62.3500, 74.2593, 99.5148

Complementary

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



80.5613, 74.2593, 94.0918



76.0808, 90.7518, 84.0311

Split Complementary

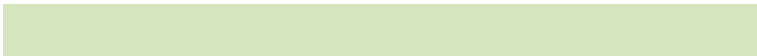
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.6295, 74.2593, 83.6650



80.5613, 74.2593, 94.0918



64.6838, 74.2593, 58.7030

Square

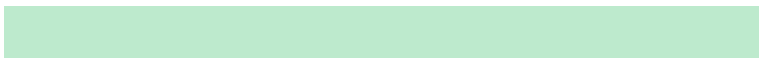
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



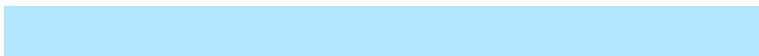
80.5613, 74.2593, 94.0918



75.0630, 74.2593, 56.4880



61.4614, 74.2593, 68.9231



66.2815, 74.2593, 111.3829

Rectangle

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



80.5613, 74.2593, 94.0918



80.5111, 74.2593, 68.6695



61.4614, 74.2593, 68.9231



61.5034, 74.2593, 94.4046

Sweetspot

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



80.5629, 74.2623, 94.0934



90.5159, 91.8929, 104.4258



71.9224, 69.5743, 104.2462



19.2425, 19.4342, 22.2194



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.



80.5629, 74.2623, 94.0934



77.8380, 69.4859, 91.1089



77.5253, 73.0472, 78.0977



18.5505, 18.2035, 21.5162



25.9039, 12.8508, 23.9419



2.5701, 1.2704, 2.5837

Inverse Universe

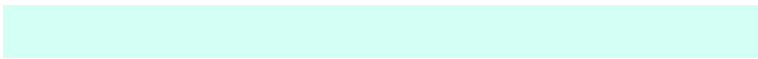
The Inverse Universe completely reimagines the original color for something new.



80.5629, 74.2623, 94.0934



77.8380, 69.4859, 91.1089



79.1786, 91.9909, 100.3441



18.5505, 18.2035, 21.5162



25.9039, 12.8508, 23.9419



2.5701, 1.2704, 2.5837

Previews

White Background



This preview shows how the XYZ color 80.5613, 74.2593, 94.0918 looks on a white background.

Color Contrast Check

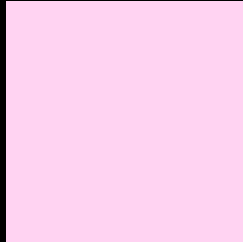
Large Text (above 18pt) WCAG AA × Fail

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 80.5613, 74.2593, 94.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

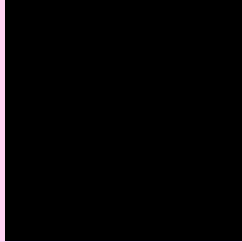
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5613, 74.2593, 94.0918

Background



This preview shows how black text looks on a background with the XYZ color 80.5613, 74.2593, 94.0918.



This preview shows how white text looks on a background with the XYZ color 80.5613, 74.2593,

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

80.5613, 74.2593, 94.0918

Protanopia

72.7354, 74.2977, 100.1299

Deuteranopia

75.9499, 74.1537, 93.5292



Tritanopia

78.5852, 74.1843, 85.0400

Trichromacy



Original Color

80.5613, 74.2593, 94.0918

Protanomaly

75.3102, 74.1203, 97.5261

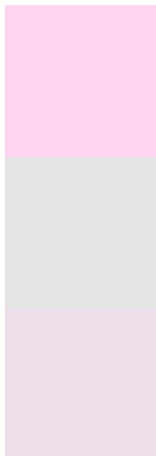
Deuteranomaly

77.4858, 74.1848, 93.4543

Tritanomaly

79.2678, 74.0983, 87.9664

Monochromacy



Original Color

80.5613, 74.2593, 94.0918

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.0892, 76.3029, 87.8084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5613, 74.2593, 94.0918 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(255, 211, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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(255, 211, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.5613, 74.2593, 94.0918 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(255, 211, 242) }
```


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

```
.border{ border-color:rgb(255, 211, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5613, 74.2593, 94.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 242) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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