

Converting Colors

XYZ(77.0651, 74.3209, 95.0607)

Have a look what the booklet for
XYZ(77.0651, 74.3209, 95.0607)
contains.

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Color

**XYZ(77.0092, 74.2836,
95.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D8F3
RGB	241, 216, 243
RGB Percent	95%, 85%, 95%
CMY	0.0549, 0.1529, 0.0471
CMYK	0.01, 0.11, 0.00, 0.05
HSL	296°, 53%, 90%
HSV	296°, 11%, 95%
XYZ	77.0092, 74.2836, 95.0734
YIQ	226.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

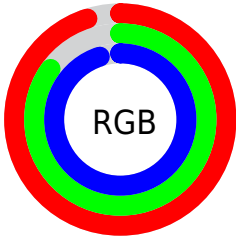
Format	Color
R_{YB}	241, 216, 243
Decimal	15849715
CIE _{Lab}	89.06, 13.30, -10.03
CIE _{LCh}	89, 16.656, 322.981
Yxy	74.2836, 0.3126, 0.3015
Android (android.graphics.Color)	4294039795 (0xFFFF1D8F3)
YUV	226.5530, 8.1084, 12.6700
Hunter-Lab	86.1879, 8.6614, -5.0709

Details

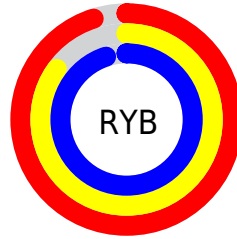
The XYZ color **77.0092, 74.2836, 95.0734** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3614, 83.9664, 77.3101**, and the grayscale version is **72.6309, 76.4134, 83.2142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7221, 39.3919, 52.4181** is the 20% darker color. If you saturate the color by 10%, you get **70.6276, 62.4270, 93.1223**, and if you desaturate by 10%, it is **84.3218, 87.9909, 97.3349**.

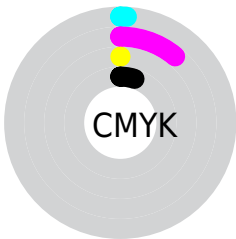
Distribution



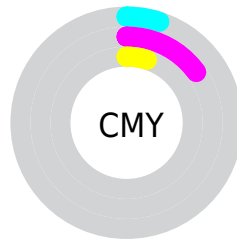
- Red (95%)
- Green (85%)
- Blue (95%)



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



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0092, 74.2836, 95.0734 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 77.0092, 74.2836, 95.0734 by changing the saturation by 10% instead.

77.0092, 74.2836,
95.0734

77.0092, 74.2836,
95.0734

473.6869,
475.4516, 565.3903

57.5604, 55.0262,
71.5988

128.1252,
125.2977, 156.3625

41.6972, 39.4227,
52.3462

160.5232,
157.8233, 195.0140

29.0543, 27.0887,
36.8970

197.9682,
195.5403, 239.5617

19.2664, 17.6399,
24.8326

240.8256,
238.8332, 290.4240

11.9681, 10.6917,
15.7345

289.4609,
288.0864, 348.0195

6.7940, 5.8600,
9.1841

344.2392,

3.3788, 2.7601,

343.6843, 412.7666

4.7630

405.5261,
406.0112, 485.0841

■ 1.3571, 1.0078,
2.0526

■ 0.2253, 0.0000,
0.5873

■ 77.0092, 74.2836,
95.0734

■ 77.0092, 74.2836,
95.0734

■ 70.6276, 62.4270,
93.1223

■ 84.3218, 87.9909,
97.3349

■ 65.1303, 52.3311,
91.4633


■ 89.4553, 97.3321,
98.8673


■ 60.4761, 43.9124,
90.0837


■ 90.0850, 97.6567,
98.8968


■ 56.6181, 37.0773,
88.9677


■ 90.7209, 97.9845,
98.9266


 53.5048, 31.7227,
88.0982


 91.3629, 98.3155,
98.9566


 51.0787, 27.7335,
87.4561


 92.0111, 98.6496,
98.9869

 49.2736, 24.9774,
87.0193

 92.6654, 98.9870,
99.0176

 48.0103, 23.2961,
86.7613

 93.1779, 99.2512,
99.0415

 47.2296, 22.4789,
86.6447

Harmonies

Analogous

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



73.6899, 74.2836, 103.2115



77.0092, 74.2836, 95.0734



78.6224, 74.2836, 83.6395

Triad

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



77.0092, 74.2836, 95.0734



71.5607, 74.2836, 60.6969



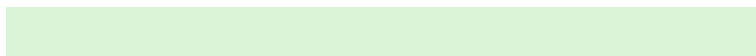
63.6720, 74.2836, 89.9099

Complementary

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



77.0092, 74.2836, 95.0734



73.3614, 83.9664, 77.3101

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.



63.1508, 74.2836, 78.1862



77.0092, 74.2836, 95.0734



67.6061, 74.2836, 62.0307

Square

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



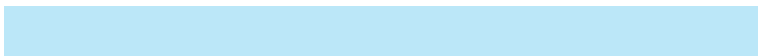
77.0092, 74.2836, 95.0734



75.3996, 74.2836, 64.3434



64.5648, 74.2836, 68.1785



66.0168, 74.2836, 100.0369

Rectangle

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



77.0092, 74.2836, 95.0734



78.4713, 74.2836, 75.9732



64.5648, 74.2836, 68.1785



63.2815, 74.2836, 85.9983

Sweetspot

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



77.0114, 74.2868, 95.0750



92.4497, 95.1085, 108.0929



69.6361, 71.3462, 94.8961



19.6428, 20.0843, 23.0913



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.



77.0114, 74.2868, 95.0750



84.4738, 80.1801, 105.6318



76.0504, 73.9817, 86.4318



17.0854, 16.7022, 20.8659



25.9715, 12.3631, 47.5555



2.3181, 1.1049, 4.1813

Inverse Universe

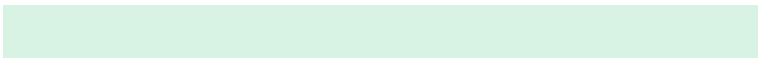
The Inverse Universe completely reimagines the original color for something new.



74.1755, 73.2318, 76.5590



80.8175, 78.8213, 81.6930



74.2718, 84.2619, 85.2065



16.5489, 16.5024, 17.3712



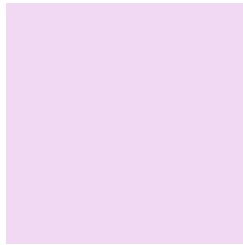
20.3640, 10.4890, 1.3593



1.8068, 0.9287, 0.2088

Previews

White Background



This preview shows how the XYZ color 77.0092, 74.2836, 95.0734 looks on a white background.

Color Contrast Check

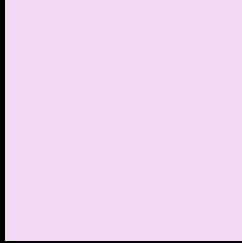
Large Text (above 18pt) WCAG AA × Fail

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 77.0092, 74.2836, 95.0734 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 77.0092, 74.2836, 95.0734

Background



This preview shows how black text looks on a background with the XYZ color 77.0092, 74.2836, 95.0734.



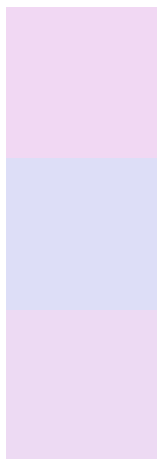
This preview shows how white text looks on a background with the XYZ color 77.0092, 74.2836,

95.0734.

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

77.0092, 74.2836, 95.0734

Protanopia

72.7286, 74.3301, 98.5096

Deuteranopia

76.1741, 74.6184, 95.1820



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

77.0092, 74.2836, 95.0734

Protanomaly

74.2227, 74.3342, 97.6248

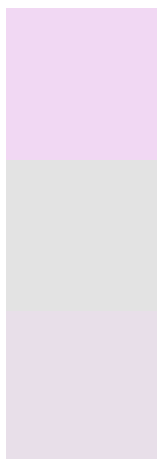
Deuteranomaly

76.2504, 74.2739, 95.1115

Tritanomaly

76.0341, 74.2654, 90.4480

Monochromacy



Original Color

77.0092, 74.2836, 95.0734

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3744, 75.8143, 87.8045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0092, 74.2836, 95.0734 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, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(241, 216, 243)  
}
```

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, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 243) }
```

Border

The CSS property to change the border of an element to XYZ 77.0092, 74.2836, 95.0734 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, 216, 243) }
```


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

```
.border{ border-color:rgb(241, 216, 243) }
```

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

Here you see how a box with a 4 pixel rgb(241, 216, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 216,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0092, 74.2836, 95.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 216, 243) }
```

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

```
.background{ background-color: rgb(241,  
216, 243) }
```

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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