

Converting Colors

XYZ(78.0122, 72.9492, 93.8686)

Have a look what the booklet for
XYZ(78.0122, 72.9492, 93.8686)
contains.

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Color

**XYZ(78.0327, 72.9558,
93.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3F2
RGB	248, 211, 242
RGB Percent	97%, 83%, 95%
CMY	0.0274, 0.1725, 0.0510
CMYK	0.00, 0.15, 0.02, 0.03
HSL	310°, 73%, 90%
HSV	310°, 15%, 97%
XYZ	78.0327, 72.9558, 93.9735
YIQ	225.5970, 12.1010, 17.4850

Conversions

Conversions Part 2

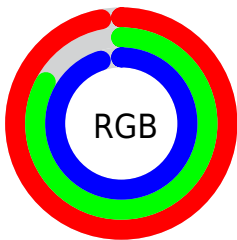
Format	Color
R_{YB}	248, 211, 242
Decimal	16307186
CIE _{Lab}	88.43, 18.07, -10.37
CIE _{LCh}	88, 20.835, 330.139
Yxy	72.9558, 0.3186, 0.2978
Android (android.graphics.Color)	4294497266 (0xFFFF8D3F2)
YUV	225.5970, 8.0867, 19.6474
Hunter-Lab	85.4142, 13.5993, -5.4415

Details

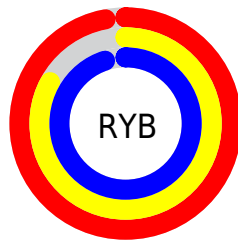
The XYZ color **78.0327, 72.9558, 93.9735** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9586, 85.9956, 78.4031**, and the grayscale version is **71.9370, 75.6834, 82.4192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2373, 38.3985, 51.6399** is the 20% darker color. If you saturate the color by 10%, you get **71.7437, 61.3330, 88.9300**, and if you desaturate by 10%, it is **85.2897, 86.4912, 99.4070**.

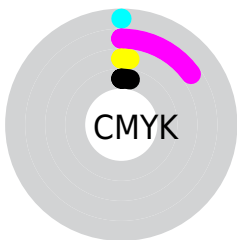
Distribution



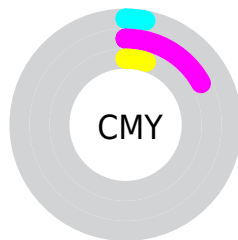
- Red (97%)
- Green (83%)
- Blue (95%)



- Red (97%)
- Yellow (83%)
- Blue (95%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0327, 72.9558, 93.9735 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 78.0327, 72.9558, 93.9735 by changing the saturation by 10% instead.

78.0327, 72.9558,
93.9735

78.0327, 72.9558,
93.9735

477.1160,
470.8616, 561.7737

58.4037, 53.9398,
70.6888

129.5613,
123.4145, 154.8290

42.3778, 38.5536,
51.6080

162.1917,
155.6259, 193.2369

29.5896, 26.4126,
36.3126

199.8866,
193.0047, 237.5229

19.6738, 17.1326,
24.3841

243.0113,
235.9351, 288.1056

12.2651, 10.3290,
15.4040

291.9313,
284.8017, 345.4034

6.9980, 5.6177,
8.9536

347.0118,

3.5071, 2.6140,

339.9886, 409.8351

4.6145

408.6182,
401.8805, 481.8190

■ 1.4273, 0.9337,
1.9682

■ 0.2755, 0.0000,
0.5356

■ 78.0327, 72.9558,
93.9735

■ 78.0327, 72.9558,
93.9735

■ 71.7437, 61.3330,
88.9300

■ 85.2897, 86.4912,
99.4070

■ 66.3729, 51.5264,
84.2568

■ 91.7345, 98.3817,
104.6348

■ 61.8753, 43.4455,
79.9394

■ 92.3723, 98.6369,
107.9934

■ 58.2001, 36.9883,
75.9604

■ 92.5220, 98.6967,
108.7817

■ 55.2906, 32.0420,
72.3006

■ 53.0833, 28.4793,
68.9383

■ 51.5041, 26.1524,
65.8483

■ 50.4617, 24.8789,
62.9999

■ 50.0700, 24.4999,
61.6221

Harmonies

Analogous

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



74.2903, 72.9558, 105.7518



78.0327, 72.9558, 93.9735



79.4240, 72.9558, 79.3697

Triad

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



78.0327, 72.9558, 93.9735



69.3190, 72.9558, 54.9275



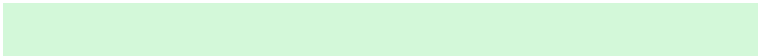
61.3438, 72.9558, 94.1029

Complementary

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



78.0327, 72.9558, 93.9735



72.9586, 85.9956, 78.4031

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.



60.1520, 72.9558, 79.5032



78.0327, 72.9558, 93.9735



64.6191, 72.9558, 57.8945

Square

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



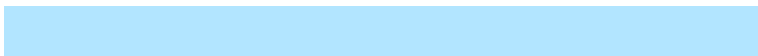
78.0327, 72.9558, 93.9735



74.2480, 72.9558, 57.8405



61.3223, 72.9558, 66.4817



64.6576, 72.9558, 105.8326

Rectangle

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



78.0327, 72.9558, 93.9735



78.7813, 72.9558, 70.3151



61.3223, 72.9558, 66.4817



60.6891, 72.9558, 89.3144

Sweetspot

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



78.0348, 72.9590, 93.9751



91.6167, 93.5578, 106.4472



68.7224, 68.0524, 98.3216



19.4757, 19.7741, 22.6870



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.



78.0348, 72.9590, 93.9751



80.9394, 73.6598, 98.3977



75.4560, 71.9274, 80.3949



17.8650, 17.4734, 21.1449



27.0917, 13.2524, 33.5209



2.5404, 1.2399, 3.2692

Inverse Universe

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



78.0348, 72.9590, 93.9751



80.9394, 73.6598, 98.3977



75.4365, 86.9867, 91.4516



17.8650, 17.4734, 21.1449



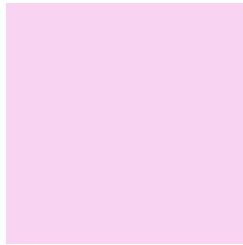
27.0917, 13.2524, 33.5209



2.5404, 1.2399, 3.2692

Previews

White Background



This preview shows how the XYZ color 78.0327, 72.9558, 93.9735 looks on a white background.

Color Contrast Check

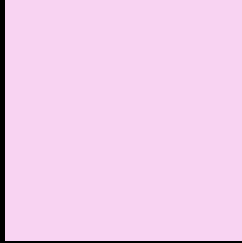
Large Text (above 18pt) WCAG AA × Fail

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 78.0327, 72.9558, 93.9735 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 78.0327, 72.9558, 93.9735

Background



This preview shows how black text looks on a background with the XYZ color 78.0327, 72.9558, 93.9735.



This preview shows how white text looks on a background with the XYZ color 78.0327, 72.9558,

93.9735.

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

78.0327, 72.9558, 93.9735

Protanopia

71.7132, 73.3956, 99.1940

Deuteranopia

74.6940, 73.1248, 93.3968



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

78.0327, 72.9558, 93.9735

Protanomaly

73.7605, 72.9375, 97.3795

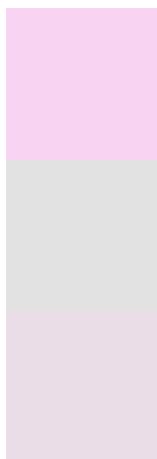
Deuteranomaly

75.8589, 72.9693, 93.3054

Tritanomaly

76.7525, 72.8016, 87.8487

Monochromacy



Original Color

78.0327, 72.9558, 93.9735

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3536, 75.0315, 86.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0327, 72.9558, 93.9735 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(248, 211, 242)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 211, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.0327, 72.9558, 93.9735 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(248, 211, 242) }
```


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

```
.border{ border-color:rgb(248, 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(248, 211, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0327, 72.9558, 93.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 242) }
```

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

```
.background{ background-color: rgb(248,  
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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