

Converting Colors

XYZ(78.0072, 75.0009,
103.2990)

Have a look what the booklet for
XYZ(78.0072, 75.0009, 103.2990)
contains.

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Color

**XYZ(78.1391, 75.0683,
103.2998)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD9FD
RGB	239, 217, 253
RGB Percent	94%, 85%, 99%
CMY	0.0627, 0.1490, 0.0078
CMYK	0.06, 0.14, 0.00, 0.01
HSL	277°, 90%, 92%
HSV	277°, 14%, 99%
XYZ	78.1391, 75.0683, 103.2998
YIQ	227.6820, 1.5560, 15.8600

Conversions

Conversions Part 2

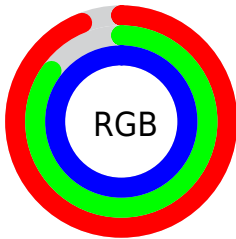
Format	Color
R _Y B	239, 217, 253
Decimal	15718909
CIE Lab	89.42, 13.98, -14.75
CIE LCh	89, 20.324, 313.453
Yxy	75.0683, 0.3046, 0.2927
Android (android.graphics.Color)	4293908989 (0xFFEFD9FD)
YUV	227.6820, 12.4818, 9.9259
Hunter-Lab	86.6420, 9.3589, -10.0398

Details

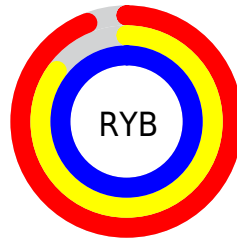
The XYZ color **78.1391, 75.0683, 103.2998** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6074, 92.2512, 79.2071**, and the grayscale version is **73.4234, 77.2472, 84.1222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4126, 39.8935, 57.6894** is the 20% darker color. If you saturate the color by 10%, you get **68.8797, 61.3466, 101.1404**, and if you desaturate by 10%, it is **88.5835, 90.8889, 105.8041**.

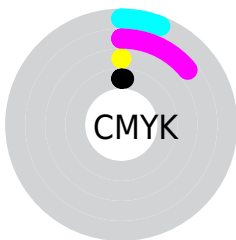
Distribution



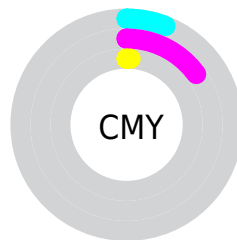
- Red (94%)
- Green (85%)
- Blue (99%)



- Red (94%)
- Yellow (85%)
- Blue (99%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1391, 75.0683, 103.2998 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 78.1391, 75.0683, 103.2998 by changing the saturation by 10% instead.

78.1391, 75.0683,
103.2998

78.1391, 75.0683,
103.2998

477.4717,
478.1523, 592.0579

58.4914, 55.6688,
78.4270

129.7105,
126.4090, 167.7758

42.4486, 39.9375,
57.9063

162.3650,
159.1191, 208.2161

29.6454, 27.4898,
41.3191

200.0858,
197.0348, 254.6826

19.7163, 17.9414,
28.2469

243.2382,
240.5406, 307.5940

12.2961, 10.9079,
18.2712

292.1876,
290.0209, 367.3686

7.0193, 6.0050,
10.9734

347.2995,

3.5206, 2.8481,

345.8600, 434.4251

5.9350

408.9390,
408.4423, 509.1820

■ 1.4347, 1.0530,
2.7375

■ 0.2807, 0.0000,
0.9622

■ 78.1391, 75.0683,
103.2998

■ 78.1391, 75.0683,
103.2998

■ 68.8797, 61.3466,
101.1404

■ 88.5835, 90.8889,
105.8041

■ 60.7504, 49.6221,
99.3058

94.7298, 99.8719,
107.2141

■ 53.7016, 39.7985,
97.7812

■ 47.6770, 31.7681,
96.5487

■ 42.6149, 25.4116,
95.5886

■ 38.4459, 20.5950,
94.8786

■ 35.0898, 17.1630,
94.3930

■ 32.4493, 14.9255,
94.1003

■ 31.1716, 14.0214,
93.9932

Harmonies

Analogous

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



73.6007, 75.0683, 111.4073



78.1391, 75.0683, 103.2998



80.9264, 75.0683, 89.7967

Triad

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



78.1391, 75.0683, 103.2998



74.1116, 75.0683, 58.1705



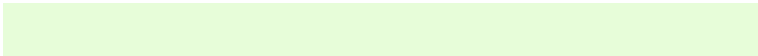
62.4384, 75.0683, 88.2827

Complementary

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



78.1391, 75.0683, 103.2998



80.6074, 92.2512, 79.2071

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.



62.5609, 75.0683, 74.1739



78.1391, 75.0683, 103.2998



69.1460, 75.0683, 57.8656

Square

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



78.1391, 75.0683, 103.2998



78.5281, 75.0683, 64.2926



64.9663, 75.0683, 63.4047



64.6235, 75.0683, 102.0809

Rectangle

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



78.1391, 75.0683, 103.2998



81.3394, 75.0683, 80.0964



64.9663, 75.0683, 63.4047



62.2142, 75.0683, 83.3991

Sweetspot

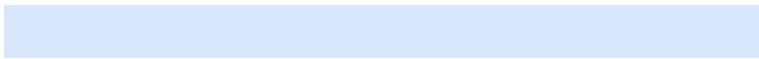
The Sweet Spot groups the original color and five complimentary colors.



78.1414, 75.0715, 103.3014



90.4375, 92.9192, 107.7764



75.0358, 79.2226, 104.2664



19.1765, 19.6121, 23.0247



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.



78.1414, 75.0715, 103.3014



76.8131, 72.3336, 104.5210



82.4844, 77.3761, 100.5392



18.0686, 17.9271, 22.7579



16.7501, 7.5455, 50.0082



1.7534, 0.7978, 4.8749

Inverse Universe

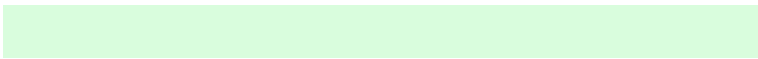
The Inverse Universe completely reimagines the original color for something new.



79.7473, 76.2812, 86.1256



78.7705, 73.8019, 83.8638



76.7412, 90.2034, 81.4973



18.3018, 18.1040, 20.2066



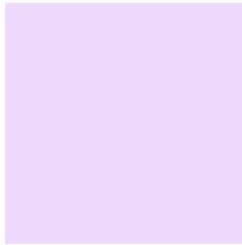
22.7977, 11.6084, 7.5851



2.2714, 1.1509, 1.0105

Previews

White Background



This preview shows how the XYZ color 78.1391, 75.0683, 103.2998 looks on a white background.

Color Contrast Check

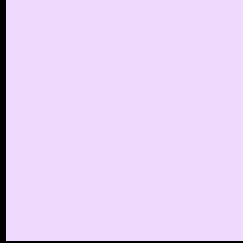
Large Text (above 18pt) WCAG AA × Fail

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 78.1391, 75.0683, 103.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

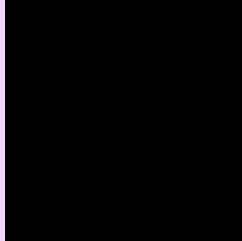
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1391, 75.0683, 103.2998

Background



This preview shows how black text looks on a background with the XYZ color 78.1391, 75.0683, 103.2998.

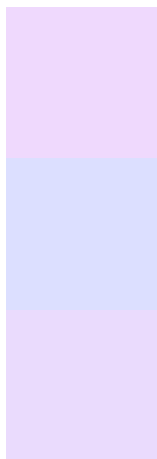


This preview shows how white text looks on a background with the XYZ color 78.1391, 75.0683,

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

78.1391, 75.0683, 103.2998

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

76.9928, 75.2473, 103.3947



Tritanopia

75.8043, 75.3053, 90.6608

Trichromacy



Original Color

78.1391, 75.0683, 103.2998

Protanomaly

75.4244, 75.1996, 104.3056

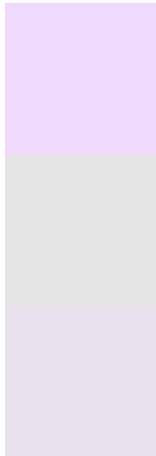
Deuteranomaly

77.3931, 75.0675, 103.3389

Tritanomaly

76.7691, 75.3112, 95.2844

Monochromacy



Original Color

78.1391, 75.0683, 103.2998

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.2204, 76.5815, 90.9379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1391, 75.0683, 103.2998 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(239, 217, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 253)  
}
```

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(239, 217, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 253) }
```

Border

The CSS property to change the border of an element to XYZ 78.1391, 75.0683, 103.2998 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(239, 217, 253) }
```


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

```
.border{ border-color:rgb(239, 217, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 217, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1391, 75.0683, 103.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 253) }
```

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

```
.background{ background-color: rgb(239,  
217, 253) }
```

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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