

Converting Colors

XYZ(92.3564, 79.0197,
180.1293)

Have a look what the booklet for
XYZ(92.3564, 79.0197, 180.1293)
contains.

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Color

**XYZ(78.1199, 73.5093,
104.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D5FF
RGB	241, 213, 255
RGB Percent	95%, 84%, 100%
CMY	0.0549, 0.1647, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	280°, 100%, 92%
HSV	280°, 16%, 100%
XYZ	78.1199, 73.5093, 104.6791
YIQ	226.1600, 3.2060, 18.9980

Conversions

Conversions Part 2

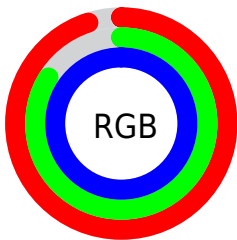
Format	Color
R _Y B	241, 213, 255
Decimal	15848959
CIE Lab	88.69, 17.11, -16.89
CIE LCh	89, 24.042, 315.363
Yxy	73.5093, 0.3048, 0.2868
Android (android.graphics.Color)	4294039039 (0xFFFF1D5FF)
YUV	226.1600, 14.2181, 13.0147
Hunter-Lab	85.7376, 12.5998, -12.3723

Details

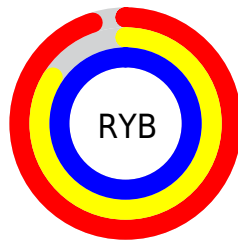
The XYZ color **78.1199, 73.5093, 104.6791** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.4506, 92.6558, 76.6513**, and the grayscale version is **72.3051, 76.0705, 82.8408**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4275, 38.8452, 58.6878** is the 20% darker color. If you saturate the color by 10%, you get **69.3697, 60.2154, 102.5743**, and if you desaturate by 10%, it is **88.0180, 88.8959, 107.1273**.

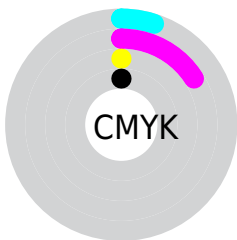
Distribution



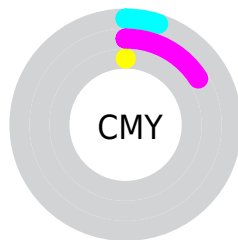
- Red (95%)
- Green (84%)
- Blue (100%)



- Red (95%)
- Yellow (84%)
- Blue (100%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1199, 73.5093, 104.6791 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 78.1199, 73.5093, 104.6791 by changing the saturation by 10% instead.

78.1199, 73.5093,
104.6791

78.1199, 73.5093,
104.6791

477.4075,
472.7781, 596.4667

58.4756, 54.3925,
79.5754

129.6836,
124.2000, 169.6804

42.4359, 38.9156,
58.8449

162.3337,
156.5426, 210.4150

29.6353, 26.6940,
42.0691

200.0498,
194.0627, 257.1970

19.7087, 17.3436,
28.8294

243.1973,
237.1446, 310.4449

12.2905, 10.4798,
18.7073

292.1414,
286.1727, 370.5773

7.0154, 5.7182,
11.2843

347.2476,

3.5182, 2.6745,

341.5313, 438.0127

6.1419

408.8812,
403.6050, 513.1697

■ 1.4333, 0.9643,
2.8613

■ 0.2798, 0.0000,
1.0243

■ 78.1199, 73.5093,
104.6791

■ 78.1199, 73.5093,
104.6791

■ 69.3697, 60.2154,
102.5743

■ 88.0180, 88.8959,
107.1273

■ 61.7124, 48.9102,
100.7958

95.0500, 100.0000,
108.9000

■ 55.0976, 39.4942,
99.3269

■ 49.4678, 31.8558,
98.1493

■ 44.7598, 25.8710,
97.2422

■ 40.9020, 21.3998,
96.5825

■ 37.8107, 18.2778,
96.1429

■ 35.3819, 16.3000,
95.8891

■ 34.6277, 15.7661,
95.8258

Harmonies

Analogous

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



72.8690, 73.5093, 115.0095



78.1199, 73.5093, 104.6791



81.2399, 73.5093, 88.3960

Triad

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



78.1199, 73.5093, 104.6791



72.7285, 73.5093, 52.9110



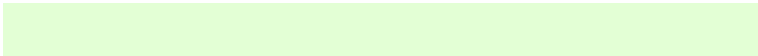
59.6438, 73.5093, 88.8150

Complementary

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



78.1199, 73.5093, 104.6791



79.4506, 92.6558, 76.6513

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.



59.6108, 73.5093, 72.2263



78.1199, 73.5093, 104.6791



66.9513, 73.5093, 52.9907

Square

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



78.1199, 73.5093, 104.6791



78.0121, 73.5093, 59.3699



62.2194, 73.5093, 59.6051



62.3121, 73.5093, 105.0223

Rectangle

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



78.1199, 73.5093, 104.6791



81.5871, 73.5093, 77.0869



62.2194, 73.5093, 59.6051



59.3292, 73.5093, 83.0658

Sweetspot

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



78.1219, 73.5124, 104.6796



89.5703, 91.3360, 107.5165



72.9622, 76.3071, 105.4910



19.0120, 19.2985, 22.9729



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.



78.1219, 73.5124, 104.6796



74.9028, 68.5829, 103.8978



81.9790, 75.6286, 99.0847



18.1699, 17.9793, 22.7626



18.2587, 8.3232, 50.0788



1.8937, 0.8702, 4.8814

Inverse Universe

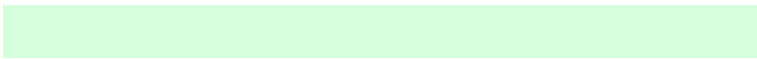
The Inverse Universe completely reimagines the original color for something new.



78.9012, 74.3975, 82.8772



75.8840, 69.6662, 77.8539



76.1210, 90.8345, 81.2341



18.2591, 18.0869, 19.9815



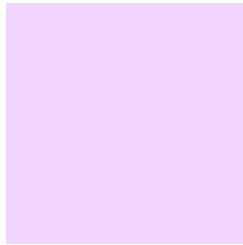
22.4671, 11.4761, 5.8441



2.2358, 1.1367, 0.8232

Previews

White Background



This preview shows how the XYZ color 78.1199, 73.5093, 104.6791 looks on a white background.

Color Contrast Check

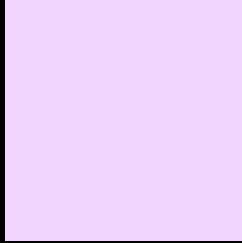
Large Text (above 18pt) WCAG AA × Fail

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 78.1199, 73.5093, 104.6791 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 78.1199, 73.5093, 104.6791

Background



This preview shows how black text looks on a background with the XYZ color 78.1199, 73.5093, 104.6791.



This preview shows how white text looks on a background with the XYZ color 78.1199, 73.5093,

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

78.1199, 73.5093, 104.6791

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.3354, 73.6045, 104.0024



Tritanopia

74.9240, 73.7434, 88.1269

Trichromacy



Original Color

78.1199, 73.5093, 104.6791

Protanomaly

74.1727, 73.3704, 104.8603

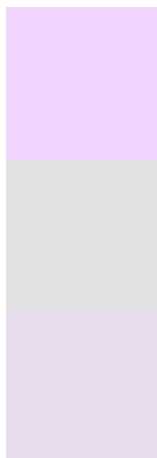
Deuteranomaly

76.3769, 73.7599, 103.9775

Tritanomaly

76.1795, 73.8733, 94.2483

Monochromacy



Original Color

78.1199, 73.5093, 104.6791

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.0975, 74.8163, 90.6564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1199, 73.5093, 104.6791 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 213, 255)  
}
```

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, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.1199, 73.5093, 104.6791 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, 213, 255) }
```


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

```
.border{ border-color:rgb(241, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1199, 73.5093, 104.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 213, 255) }
```

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

```
.background{ background-color: rgb(241,  
213, 255) }
```

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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