

Converting Colors

XYZ(78.0770, 72.9852,
104.5802)

Have a look what the booklet for
XYZ(78.0770, 72.9852, 104.5802)
contains.

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Color

**XYZ(78.2114, 73.1842,
104.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D4FF
RGB	242, 212, 255
RGB Percent	95%, 83%, 100%
CMY	0.0510, 0.1686, 0.0000
CMYK	0.05, 0.17, 0.00, 0.00
HSL	282°, 100%, 92%
HSV	282°, 17%, 100%
XYZ	78.2114, 73.1842, 104.6115
YIQ	225.8720, 4.0770, 19.7330

Conversions

Conversions Part 2

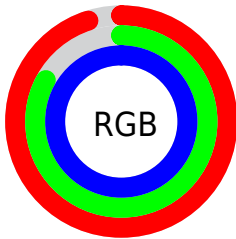
Format	Color
R _Y B	242, 212, 255
Decimal	15914239
CIE Lab	88.54, 17.96, -17.12
CIE LCh	89, 24.807, 316.373
Yxy	73.1842, 0.3055, 0.2859
Android (android.graphics.Color)	4294104319 (0xFFFF2D4FF)
YUV	225.8720, 14.3601, 14.1443
Hunter-Lab	85.5478, 13.4837, -12.6189

Details

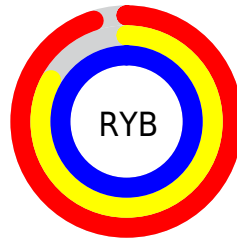
The XYZ color **78.2114, 73.1842, 104.6115** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.6968, 92.2819, 75.9554**, and the grayscale version is **72.0956, 75.8501, 82.6008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4997, 38.6303, 58.6425** is the 20% darker color. If you saturate the color by 10%, you get **69.7434, 60.0931, 102.5310**, and if you desaturate by 10%, it is **87.8016, 88.3521, 107.0338**.

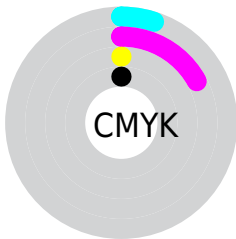
Distribution



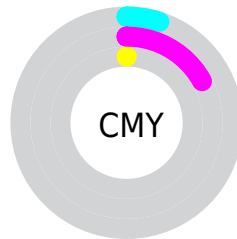
- Red (95%)
- Green (83%)
- Blue (100%)



- Red (95%)
- Yellow (83%)
- Blue (100%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2114, 73.1842, 104.6115 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 78.2114, 73.1842, 104.6115 by changing the saturation by 10% instead.

78.2114, 73.1842,
104.6115

78.2114, 73.1842,
104.6115

477.7133,
471.6530, 596.2510

58.5510, 54.1266,
79.5191

129.8119,
123.7387, 169.5871

42.4968, 38.7029,
58.7988

162.4827,
156.0043, 210.3073

29.6833, 26.5287,
42.0323

200.2211,
193.4415, 257.0739

19.7452, 17.2196,
28.8008

243.3923,
236.4344, 310.3054

12.3171, 10.3912,
18.6859

292.3618,
285.3677, 370.4203

7.0338, 5.6591,
11.2690

347.4949,

3.5298, 2.6389,

340.6256, 437.8372

6.1316

409.1569,
402.5926, 512.9746

■ 1.4397, 0.9463,
2.8552

■ 0.2843, 0.0000,
1.0212

■ 78.2114, 73.1842,
104.6115

■ 78.2114, 73.1842,
104.6115

■ 69.7434, 60.0931,
102.5310

■ 87.8016, 88.3521,
107.0338

■ 62.3431, 48.9749,
100.7750

95.0500, 100.0000,
108.9000

■ 55.9602, 39.7299,
99.3269

■ 50.5378, 32.2463,
98.1683

■ 46.0126, 26.4000,
97.2783

■ 42.3133, 22.0503,
96.6337

■ 39.3562, 19.0321,
96.2070

■ 37.0358, 17.1365,
95.9634

■ 36.3890, 16.6741,
95.9083

Harmonies

Analogous

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



72.8485, 73.1842, 115.6067



78.2114, 73.1842, 104.6115



81.3330, 73.1842, 87.6914

Triad

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



78.2114, 73.1842, 104.6115



72.3015, 73.1842, 51.7947



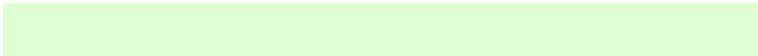
59.1084, 73.1842, 89.3247

Complementary

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



78.2114, 73.1842, 104.6115



78.6968, 92.2819, 75.9554

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.



58.9806, 73.1842, 72.1817



78.2114, 73.1842, 104.6115



66.3708, 73.1842, 52.1015

Square

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



78.2114, 73.1842, 104.6115



77.7913, 73.1842, 58.1623



61.5702, 73.1842, 59.0707



61.9297, 73.1842, 105.9538

Rectangle

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



78.2114, 73.1842, 104.6115



81.6135, 73.1842, 76.0885



61.5702, 73.1842, 59.0707



58.7548, 73.1842, 83.3934

Sweetspot

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



78.2134, 73.1872, 104.6120



89.7127, 91.4094, 107.5232



72.2962, 75.4043, 105.3518



19.0467, 19.3163, 22.9745



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.



78.2134, 73.1872, 104.6120



75.4362, 68.8578, 103.9227



81.5915, 75.0723, 98.2810



18.2267, 18.0086, 22.7653



19.1726, 8.7943, 50.1215



1.9776, 0.9134, 4.8853

Inverse Universe

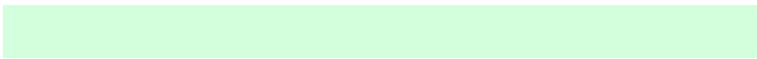
The Inverse Universe completely reimagines the original color for something new.



78.3759, 73.7861, 81.3480



75.6742, 69.5823, 76.7493



75.8163, 90.6792, 81.1391



18.2354, 18.0775, 19.8567



22.3079, 11.4125, 5.0060



2.2180, 1.1296, 0.7295

Previews

White Background



This preview shows how the XYZ color 78.2114, 73.1842, 104.6115 looks on a white background.

Color Contrast Check

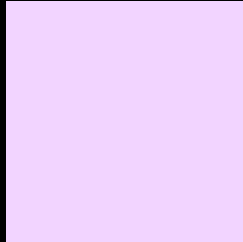
Large Text (above 18pt) WCAG AA × Fail

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 78.2114, 73.1842, 104.6115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

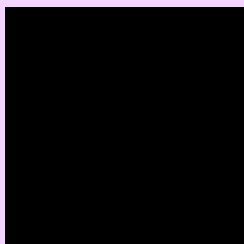
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2114, 73.1842, 104.6115

Background



This preview shows how black text looks on a background with the XYZ color 78.2114, 73.1842, 104.6115.



This preview shows how white text looks on a background with the XYZ color 78.2114, 73.1842,

104.6115.

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

78.2114, 73.1842, 104.6115

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.0153, 73.4395, 103.9874



Tritanopia

74.8605, 73.3456, 87.3023

Trichromacy



Original Color

78.2114, 73.1842, 104.6115

Protanomaly

74.1727, 73.3704, 104.8603

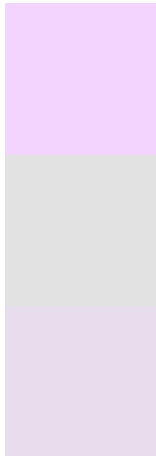
Deuteranomaly

76.1215, 73.2491, 103.8924

Tritanomaly

76.1128, 73.4770, 93.3900

Monochromacy



Original Color

78.2114, 73.1842, 104.6115

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.4212, 74.9831, 90.6715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2114, 73.1842, 104.6115 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(242, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 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(242, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.2114, 73.1842, 104.6115 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(242, 212, 255) }
```


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

```
.border{ border-color:rgb(242, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2114, 73.1842, 104.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 255) }
```

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

```
.background{ background-color: rgb(242,  
212, 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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