

Converting Colors

XYZ(79.9643, 73.2697, 93.2629)

Have a look what the booklet for
XYZ(79.9643, 73.2697, 93.2629)
contains.

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Color

**XYZ(79.9176, 73.2118,
93.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F1
RGB	255, 209, 241
RGB Percent	100%, 82%, 95%
CMY	0.0000, 0.1804, 0.0549
CMYK	0.00, 0.18, 0.05, 0.00
HSL	318°, 100%, 91%
HSV	318°, 18%, 100%
XYZ	79.9176, 73.2118, 93.1383
YIQ	226.4020, 17.1440, 19.7040

Conversions

Conversions Part 2

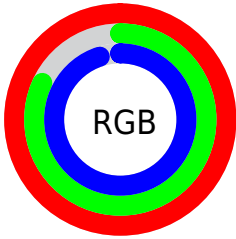
Format	Color
R_{YB}	255, 209, 241
Decimal	16765425
CIE _{Lab}	88.55, 21.28, -9.60
CIE _{LCh}	89, 23.347, 335.727
Yxy	73.2118, 0.3245, 0.2973
Android (android.graphics.Color)	4294955505 (0xFFFFD1F1)
YUV	226.4020, 7.1968, 25.0804
Hunter-Lab	85.5639, 16.9841, -4.6438

Details

The XYZ color **79.9176, 73.2118, 93.1383** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3761, 90.4041, 83.2923**, and the grayscale version is **72.5220, 76.2988, 83.0894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6013, 38.6198, 51.0553** is the 20% darker color. If you saturate the color by 10%, you get **73.0204, 61.2330, 85.2414**, and if you desaturate by 10%, it is **87.8689, 87.2189, 101.6322**.

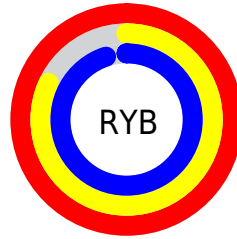
Distribution



Red (100%)

Green (82%)

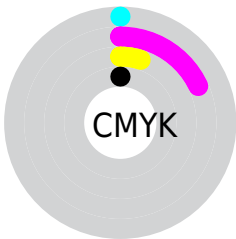
Blue (95%)



Red (100%)

Yellow (82%)

Blue (95%)

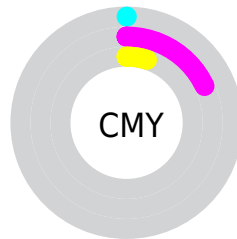


Cyan (0%)

Magenta (18%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.9176, 73.2118, 93.1383 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 79.9176, 73.2118, 93.1383 by changing the saturation by 10% instead.


 79.9176, 73.2118,
93.1383

 79.9176, 73.2118,
93.1383


483.3959,
471.7485, 559.0190

 59.9588, 54.1492,
69.9982


132.2010,
123.7778, 153.6634

 43.6347, 38.7209,
51.0482


165.2563,
156.0500, 191.8855

 30.5801, 26.5427,
35.8700


203.4078,
193.4942, 235.9720

 20.4296, 17.2301,
24.0449

247.0209,
236.4948, 286.3413

 12.8178, 10.3987,
15.1544

296.4609,
285.4361, 343.4122

 7.3793, 5.6641,
8.7800

352.0931,

 3.7489, 2.6419,

340.7025, 407.6031

4.5031

414.2830,
402.6786, 479.3325

■ 1.5611, 0.9478,
1.9052

■ 0.3668, 0.0000,
0.4961

■ 79.9176, 73.2118,
93.1383

■ 79.9176, 73.2118,
93.1383

■ 73.0204, 61.2330,
85.2414

■ 87.8689, 87.2189,
101.6322

■ 67.1240, 51.1782,
77.9179

95.0500, 100.0000,
108.9000

■ 62.1781, 42.9473,
71.1489

■ 58.1258, 36.4276,
64.9123

■ 54.9041, 31.4939,
59.1839

■ 52.4410, 28.0035,
53.9366

■ 50.6519, 25.7883,
49.1387

■ 49.4222, 24.6198,
44.7487

■ 49.2146, 24.4499,
43.9239

Harmonies

Analogous

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



76.0937, 73.2118, 107.5967



79.9176, 73.2118, 93.1383



80.9111, 73.2118, 76.6644

Triad

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



79.9176, 73.2118, 93.1383



68.5120, 73.2118, 52.6971



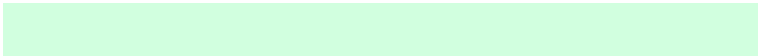
61.1698, 73.2118, 99.2037

Complementary

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



79.9176, 73.2118, 93.1383



75.3761, 90.4041, 83.2923

Split Complementary

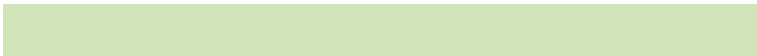
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.3696, 73.2118, 82.8459



79.9176, 73.2118, 93.1383



63.4596, 73.2118, 57.1214

Square

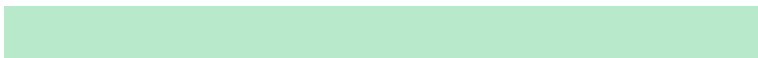
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9176, 73.2118, 93.1383



74.1270, 73.2118, 54.6822



60.1849, 73.2118, 67.6480



65.2336, 73.2118, 111.4157

Rectangle

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



79.9176, 73.2118, 93.1383



79.7905, 73.2118, 67.0119



60.1849, 73.2118, 67.6480



60.2902, 73.2118, 93.9303

Sweetspot

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



79.9193, 73.2148, 93.1398



90.4980, 91.8858, 104.3315



71.2230, 68.4807, 104.0720



19.2382, 19.4325, 22.1965



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.



79.9193, 73.2148, 93.1398



77.0621, 68.2295, 89.9396



76.7236, 71.9365, 76.3116



18.5434, 18.2007, 21.4786



25.7853, 12.8034, 23.3177



2.5593, 1.2661, 2.5267

Inverse Universe

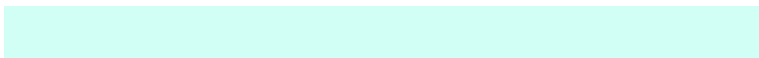
The Inverse Universe completely reimagines the original color for something new.



79.9193, 73.2148, 93.1398



77.0621, 68.2295, 89.9396



78.6602, 91.7178, 100.5863



18.5434, 18.2007, 21.4786



25.7853, 12.8034, 23.3177



2.5593, 1.2661, 2.5267

Previews

White Background



This preview shows how the XYZ color 79.9176, 73.2118, 93.1383 looks on a white background.

Color Contrast Check

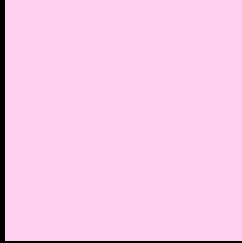
Large Text (above 18pt) WCAG AA × Fail

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 79.9176, 73.2118, 93.1383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

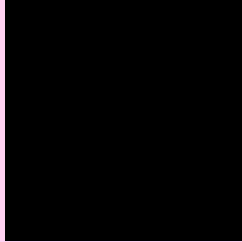
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9176, 73.2118, 93.1383

Background



This preview shows how black text looks on a background with the XYZ color 79.9176, 73.2118, 93.1383.



This preview shows how white text looks on a background with the XYZ color 79.9176, 73.2118,

93.1383.

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

79.9176, 73.2118, 93.1383

Protanopia

72.0131, 73.5503, 99.2081

Deuteranopia

74.8761, 73.2359, 92.6276



Tritanopia

77.8059, 73.0726, 83.4024

Trichromacy



Original Color

79.9176, 73.2118, 93.1383

Protanomaly

74.5730, 73.3741, 96.6184

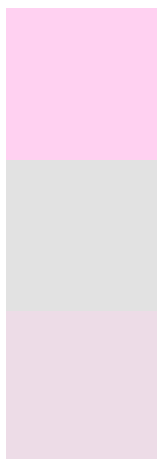
Deuteranomaly

76.4846, 72.9345, 92.4847

Tritanomaly

78.6276, 73.0472, 87.0462

Monochromacy



Original Color

79.9176, 73.2118, 93.1383

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.9421, 74.9604, 86.1202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9176, 73.2118, 93.1383 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(255, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 241)  
}
```

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(255, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.9176, 73.2118, 93.1383 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(255, 209, 241) }
```


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

```
.border{ border-color:rgb(255, 209, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9176, 73.2118, 93.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 241) }
```

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

```
.background{ background-color: rgb(255,  
209, 241) }
```

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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