

Converting Colors

XYZ(79.6290, 73.7334, 93.5725)

Have a look what the booklet for
XYZ(79.6290, 73.7334, 93.5725)
contains.

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Color

**XYZ(79.6795, 73.8221,
93.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD3F1
RGB	253, 211, 241
RGB Percent	99%, 83%, 95%
CMY	0.0078, 0.1725, 0.0549
CMYK	0.00, 0.17, 0.05, 0.01
HSL	317°, 91%, 91%
HSV	317°, 17%, 99%
XYZ	79.6795, 73.8221, 93.2686
YIQ	226.9780, 15.4020, 18.2340

Conversions

Conversions Part 2

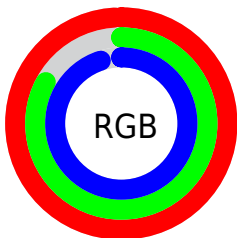
Format	Color
R _Y B	253, 211, 241
Decimal	16634865
CIE Lab	88.84, 19.56, -9.19
CIE LCh	89, 21.614, 334.848
Yxy	73.8221, 0.3229, 0.2992
Android (android.graphics.Color)	4294824945 (0xFFFDD3F1)
YUV	226.9780, 6.9128, 22.8213
Hunter-Lab	85.9198, 15.1761, -4.2173

Details

The XYZ color **79.6795, 73.8221, 93.2686** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3115, 89.4293, 83.1085**, and the grayscale version is **72.9430, 76.7418, 83.5718**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4104, 39.0155, 51.1417** is the 20% darker color. If you saturate the color by 10%, you get **72.8240, 61.8043, 85.7614**, and if you desaturate by 10%, it is **87.5713, 87.8419, 101.3345**.

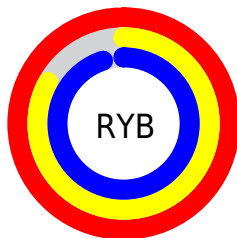
Distribution



Red (99%)

Green (83%)

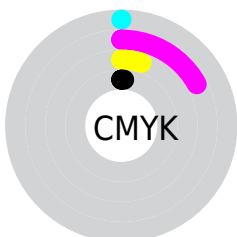
Blue (95%)



Red (99%)

Yellow (83%)

Blue (95%)

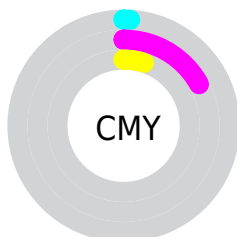


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6795, 73.8221, 93.2686 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 79.6795, 73.8221, 93.2686 by changing the saturation by 10% instead.

 79.6795, 73.8221,
93.2686

 79.6795, 73.8221,
93.2686

482.6051,
473.8591, 559.4492

 59.7622, 54.6484,
70.1059


131.8679,
124.6436, 153.8454

 43.4757, 39.1203,
51.1355

164.8698,
157.0602, 192.0965

 30.4547, 26.8533,
35.9390


202.9638,
194.6600, 236.2141

 20.3338, 17.4631,
24.0978

246.5155,
237.8272, 286.6168

 12.7476, 10.5652,
15.1933

295.8901,
286.9463, 343.7231

 7.3307, 5.7753,
8.8070

351.4530,

 3.7180, 2.7089,

342.4018, 407.9516

4.5204

413.5695,
404.5779, 479.7208

■ 1.5438, 0.9817,
1.9150

■ 0.3554, 0.0000,
0.5022

■ 79.6795, 73.8221,
93.2686

■ 79.6795, 73.8221,
93.2686

■ 72.8240, 61.8043,
85.7614

■ 87.5713, 87.8419,
101.3345

■ 66.9518, 51.6862,
78.7901

94.3185, 99.6229,
108.8658

■ 62.0147, 43.3713,
72.3370

■ 57.9577, 36.7505,
66.3815

■ 54.7201, 31.7030,
60.9005

■ 52.2329, 28.0919,
55.8687

■ 50.4154, 25.7566,
51.2563

■ 49.1665, 24.4955,
47.0270

■ 48.8190, 24.2071,
45.6580

Harmonies

Analogous

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



76.0773, 73.8221, 106.4417



79.6795, 73.8221, 93.2686



80.6836, 73.8221, 77.9676

Triad

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



79.6795, 73.8221, 93.2686



69.3183, 73.8221, 54.9356



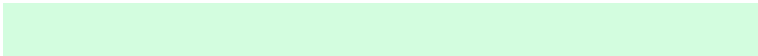
62.2231, 73.8221, 98.0070

Complementary

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



79.6795, 73.8221, 93.2686



75.3115, 89.4293, 83.1085

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.



60.6040, 73.8221, 82.8411



79.6795, 73.8221, 93.2686



64.5686, 73.8221, 58.9622

Square

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



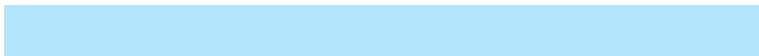
79.6795, 73.8221, 93.2686



74.5325, 73.8221, 57.0024



61.4410, 73.8221, 68.7366



65.9728, 73.8221, 109.4072

Rectangle

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



79.6795, 73.8221, 93.2686



79.7041, 73.8221, 68.8619



61.4410, 73.8221, 68.7366



61.4203, 73.8221, 93.1152

Sweetspot

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



79.6817, 73.8253, 93.2702



90.5355, 91.9007, 104.5288



71.4276, 69.3562, 102.5522



19.2473, 19.4361, 22.2445



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.



79.6817, 73.8253, 93.2702



78.6246, 70.7624, 92.2855



76.7365, 72.6473, 77.7609



18.5584, 18.2067, 21.5574



26.0356, 12.9035, 24.6355



2.5821, 1.2752, 2.6469

Inverse Universe

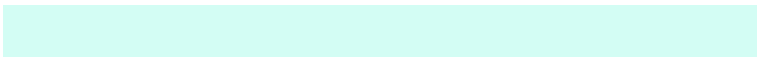
The Inverse Universe completely reimagines the original color for something new.



79.6817, 73.8253, 93.2702



78.6246, 70.7624, 92.2855



78.3057, 90.6270, 98.8759



18.5584, 18.2067, 21.5574



26.0356, 12.9035, 24.6355



2.5821, 1.2752, 2.6469

Previews

White Background



This preview shows how the XYZ color 79.6795, 73.8221, 93.2686 looks on a white background.

Color Contrast Check

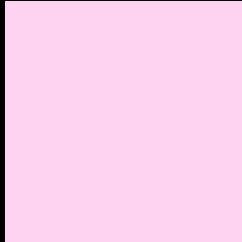
Large Text (above 18pt) WCAG AA × Fail

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 79.6795, 73.8221, 93.2686 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 79.6795, 73.8221, 93.2686

Background



This preview shows how black text looks on a background with the XYZ color 79.6795, 73.8221, 93.2686.



This preview shows how white text looks on a background with the XYZ color 79.6795, 73.8221,

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

79.6795, 73.8221, 93.2686

Protanopia

72.5798, 74.2355, 99.3105

Deuteranopia

75.4661, 73.9215, 92.7289



Tritanopia

77.8608, 73.8109, 85.0061

Trichromacy



Original Color

79.6795, 73.8221, 93.2686

Protanomaly

74.8315, 73.8912, 96.7046

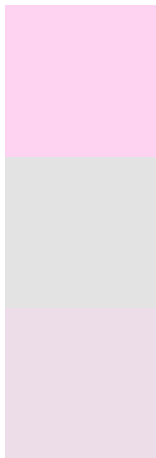
Deuteranomaly

76.9908, 73.9468, 92.6534

Tritanomaly

78.5397, 73.7229, 87.9324

Monochromacy



Original Color

79.6795, 73.8221, 93.2686

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0140, 75.3720, 86.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6795, 73.8221, 93.2686 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(253, 211, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 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(253, 211, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.6795, 73.8221, 93.2686 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(253, 211, 241) }
```


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

```
.border{ border-color:rgb(253, 211, 241) }
```

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

Here you see how a box with a 4 pixel rgb(253, 211, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6795, 73.8221, 93.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 241) }
```

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

```
.background{ background-color: rgb(253,  
211, 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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