

Converting Colors

XYZ(94.1138, 79.1589,
181.0092)

Have a look what the booklet for
XYZ(94.1138, 79.1589, 181.0092)
contains.

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Color

**XYZ(79.7020, 73.5827,
104.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D3FF
RGB	247, 211, 255
RGB Percent	97%, 83%, 100%
CMY	0.0314, 0.1725, 0.0000
CMYK	0.03, 0.17, 0.00, 0.00
HSL	289°, 100%, 91%
HSV	289°, 17%, 100%
XYZ	79.7020, 73.5827, 104.6099
YIQ	226.7800, 7.3320, 21.3160

Conversions

Conversions Part 2

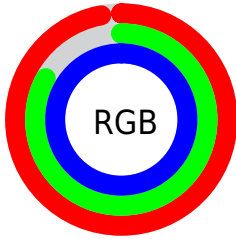
Format	Color
R _Y B	247, 211, 255
Decimal	16241663
CIE Lab	88.72, 20.10, -16.79
CIE LCh	89, 26.188, 320.127
Yxy	73.5827, 0.3090, 0.2853
Android (android.graphics.Color)	4294431743 (0xFFFF7D3FF)
YUV	226.7800, 13.9125, 17.7329
Hunter-Lab	85.7804, 15.7359, -12.2584

Details

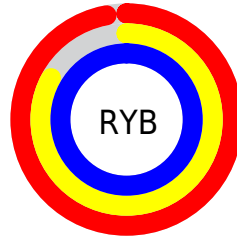
The XYZ color **79.7020, 73.5827, 104.6099** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.7332, 91.2841, 75.2070**, and the grayscale version is **72.7541, 76.5430, 83.3553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3167, 38.8013, 58.6324** is the 20% darker color. If you saturate the color by 10%, you get **72.2485, 61.0719, 102.5879**, and if you desaturate by 10%, it is **88.2050, 88.1303, 106.9697**.

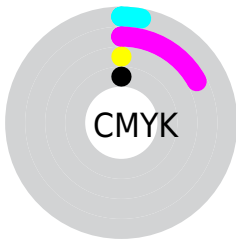
Distribution



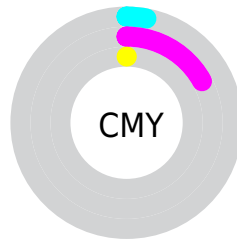
- Red (97%)
- Green (83%)
- Blue (100%)



- Red (97%)
- Yellow (83%)
- Blue (100%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7020, 73.5827, 104.6099 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 79.7020, 73.5827, 104.6099 by changing the saturation by 10% instead.

79.7020, 73.5827,
104.6099

79.7020, 73.5827,
104.6099

482.6798,
473.0319, 596.2459

59.7808, 54.4526,
79.5177

131.8994,
124.3041, 169.5849

43.4907, 38.9636,
58.7978

164.9063,
156.6641, 210.3048

30.4665, 26.7314,
42.0314

203.0058,
194.2029, 257.0710

20.3428, 17.3716,
28.8001

246.5633,
237.3048, 310.3021

12.7542, 10.4998,
18.6854

295.9440,
286.3543, 370.4166

7.3353, 5.7316,
11.2687

351.5135,

3.7209, 2.6826,

341.7357, 437.8330

6.1314

413.6370,
403.8334, 512.9700

■ 1.5455, 0.9683,
2.8551

■ 0.3565, 0.0000,
1.0211

■ 79.7020, 73.5827,
104.6099

■ 79.7020, 73.5827,
104.6099

■ 72.2485, 61.0719,
102.5879

■ 88.2050, 88.1303,
106.9697

■ 65.7910, 50.4939,
100.8865

95.0500, 100.0000,
108.9000

■ 60.2800, 41.7497,
99.4891

■ 55.6595, 34.7274,
98.3772

■ 51.8673, 29.3030,
97.5301

■ 48.8326, 25.3355,
96.9242

■ 46.4725, 22.6594,
96.5321

■ 44.6798, 21.0610,
96.3180

■ 44.2427, 20.7228,
96.2758

Harmonies

Analogous

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



74.2108, 73.5827, 117.5101



79.7020, 73.5827, 104.6099



82.6285, 73.5827, 86.2462

Triad

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



79.7020, 73.5827, 104.6099



72.0461, 73.5827, 50.4487



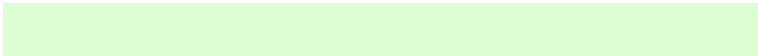
59.1205, 73.5827, 92.7231

Complementary

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



79.7020, 73.5827, 104.6099



76.7332, 91.2841, 75.2070

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.



58.6186, 73.5827, 74.2891



79.7020, 73.5827, 104.6099



65.8327, 73.5827, 51.6426

Square

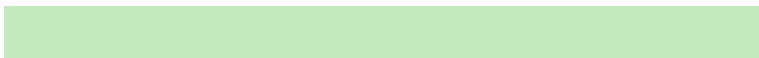
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7020, 73.5827, 104.6099



78.0354, 73.5827, 56.2325



61.0062, 73.5827, 59.7841



62.4213, 73.5827, 109.9616

Rectangle

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



79.7020, 73.5827, 104.6099



82.6180, 73.5827, 74.1446



61.0062, 73.5827, 59.7841



58.6269, 73.5827, 86.4062

Sweetspot

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



79.7040, 73.5858, 104.6104



90.2689, 91.6962, 107.5492



70.2657, 71.7699, 104.7573



19.1822, 19.3862, 22.9808



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.



79.7040, 73.5858, 104.6104



76.7902, 68.6635, 103.8138



80.4231, 74.2063, 93.3572



18.4497, 18.1236, 22.7757



23.2349, 10.8885, 50.3117



2.3427, 1.1016, 4.9024

Inverse Universe

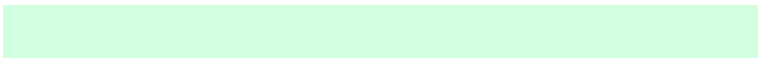
The Inverse Universe completely reimagines the original color for something new.



77.3224, 72.9660, 77.0291



74.0129, 67.9559, 70.9660



76.2076, 90.8025, 84.6993



18.1442, 18.0410, 19.3766



21.8488, 11.2288, 2.5881



2.1620, 1.1072, 0.4346

Previews

White Background



This preview shows how the XYZ color 79.7020, 73.5827, 104.6099 looks on a white background.

Color Contrast Check

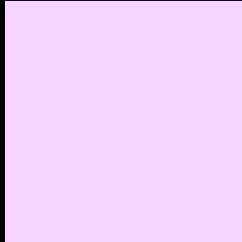
Large Text (above 18pt) WCAG AA × Fail

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 79.7020, 73.5827, 104.6099 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 79.7020, 73.5827, 104.6099

Background



This preview shows how black text looks on a background with the XYZ color 79.7020, 73.5827, 104.6099.

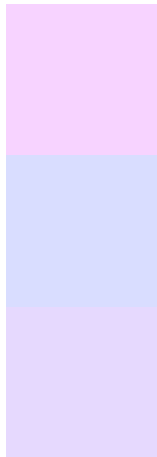


This preview shows how white text looks on a background with the XYZ color 79.7020, 73.5827,

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

79.7020, 73.5827, 104.6099

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

75.3354, 73.6045, 104.0024



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

79.7020, 73.5827, 104.6099

Protanomaly

74.8578, 73.3397, 104.8183

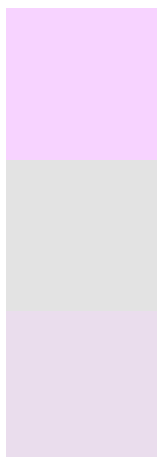
Deuteranomaly

76.7819, 73.5895, 103.9233

Tritanomaly

77.4309, 73.7969, 92.6012

Monochromacy



Original Color

79.7020, 73.5827, 104.6099

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0742, 75.3198, 90.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7020, 73.5827, 104.6099 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(247, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 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(247, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.7020, 73.5827, 104.6099 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(247, 211, 255) }
```


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

```
.border{ border-color:rgb(247, 211, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7020, 73.5827, 104.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 255) }
```

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

```
.background{ background-color: rgb(247,  
211, 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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