

Converting Colors

XYZ(108.8375, 91.8053,
105.3535)

Have a look what the booklet for
XYZ(108.8375, 91.8053, 105.3535)
contains.

XYZ(84.4609, 79.0788, 104.5781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.4609, 79.0788,
104.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBFE
RGB	255, 219, 254
RGB Percent	100%, 86%, 100%
CMY	0.0000, 0.1412, 0.0039
CMYK	0.00, 0.14, 0.00, 0.00
HSL	302°, 100%, 93%
HSV	302°, 14%, 100%
XYZ	84.4609, 79.0788, 104.5781
YIQ	233.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 219, 254
Decimal	16767998
CIE _{Lab}	91.27, 18.33, -12.38
CIE _{LCh}	91, 22.121, 325.966
Yxy	79.0788, 0.3150, 0.2949
Android (android.graphics.Color)	4294958078 (0xFFFFDBFE)
YUV	233.7540, 9.9813, 18.6327
Hunter-Lab	88.9263, 13.9158, -7.4772

Details

The XYZ color **84.4609, 79.0788, 104.5781** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8940, 91.7485, 81.3170**, and the grayscale version is **77.9439, 82.0031, 89.3013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6422, 42.5879, 58.5853** is the 20% darker color. If you saturate the color by 10%, you get **78.1985, 66.7346, 101.9338**, and if you desaturate by 10%, it is **91.7463, 93.4675, 107.5677**.

Distribution



- Red (100%)
- Green (86%)
- Blue (100%)



- Red (100%)
- Yellow (86%)
- Blue (100%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4609, 79.0788, 104.5781 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 84.4609, 79.0788, 104.5781 by changing the saturation by 10% instead.


 84.4609, 79.0788,
104.5781

 84.4609, 79.0788,
104.5781


498.3531,
491.8229, 596.1445

 63.7170, 58.9606,
79.4913


138.5376,
132.0698, 169.5410

 46.6823, 42.5814,
58.7761

172.6012,
165.7114, 210.2541

 32.9915, 29.5568,
42.0141

211.8354,
204.6295, 257.0131

 22.2791, 19.5024,
28.7867

256.6056,
249.2087, 310.2364

 14.1799, 12.0339,
18.6753

307.2771,
299.8332, 370.3427

 8.3284, 6.7668,
11.2615

364.2153,

 4.3594, 3.3167,

356.8875, 437.7504

6.1266

427.7855,
420.7559, 512.8782

■ 1.9074, 1.2992,
2.8522

■ 0.5811, 0.1406,
1.0197

■ 84.4609, 79.0788,
104.5781

■ 84.4609, 79.0788,
104.5781

■ 78.1985, 66.7346,
101.9338

■ 91.7463, 93.4675,
107.5677

■ 72.9075, 56.3329,
99.6142

95.0500, 100.0000,
108.9000

■ 68.5400, 47.7775,
97.6045

■ 65.0416, 40.9598,
95.8866

■ 62.3527, 35.7602,
94.4406

■ 60.4057, 32.0440,
93.2439

■ 59.1225, 29.6545,
92.2706

■ 58.4073, 28.4004,
91.4886

■ 58.1717, 28.0327,
91.0911

Harmonies

Analogous

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



79.9849, 79.0788, 116.9734



84.4609, 79.0788, 104.5781



86.4446, 79.0788, 88.2951

Triad

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



84.4609, 79.0788, 104.5781



75.9235, 79.0788, 58.8156



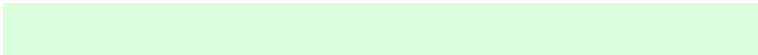
65.8746, 79.0788, 100.3511

Complementary

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



84.4609, 79.0788, 104.5781



77.8940, 91.7485, 81.3170

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.



64.9065, 79.0788, 83.9482



84.4609, 79.0788, 104.5781



70.5370, 79.0788, 61.2069

Square

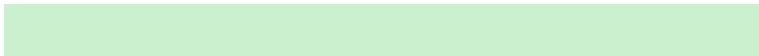
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4609, 79.0788, 104.5781



81.3628, 79.0788, 62.9544



66.5720, 79.0788, 69.9436



69.2846, 79.0788, 114.3277

Rectangle

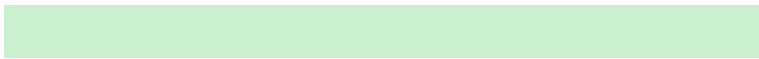
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4609, 79.0788, 104.5781



86.0179, 79.0788, 77.8817



66.5720, 79.0788, 69.9436



65.2603, 79.0788, 94.8842

Sweetspot

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



84.4627, 79.0819, 104.5798



91.8364, 93.6457, 107.6042



72.7790, 73.0403, 104.8701



19.5315, 19.7964, 22.9809



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.



84.4627, 79.0819, 104.5798



82.5530, 75.3149, 103.7821



81.7720, 78.0057, 90.4110



18.7696, 18.2912, 22.6700



30.4058, 14.6516, 47.6487



2.9671, 1.4292, 4.6742

Inverse Universe

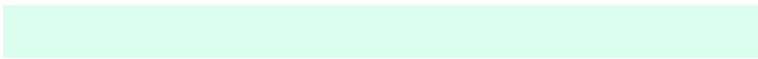
The Inverse Universe completely reimagines the original color for something new.



84.4627, 79.0819, 104.5798



82.5530, 75.3149, 103.7821



80.3495, 92.7307, 94.2473



18.7696, 18.2912, 22.6700



30.4058, 14.6516, 47.6487



2.9671, 1.4292, 4.6742

Previews

White Background



This preview shows how the XYZ color 84.4609, 79.0788, 104.5781 looks on a white background.

Color Contrast Check

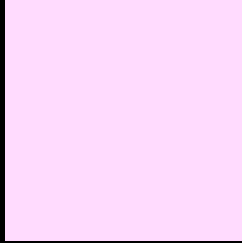
Large Text (above 18pt) WCAG AA × Fail

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 84.4609, 79.0788, 104.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

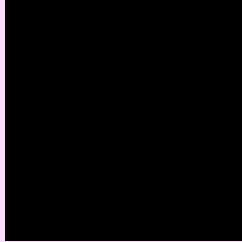
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4609, 79.0788, 104.5781

Background



This preview shows how black text looks on a background with the XYZ color 84.4609, 79.0788, 104.5781.



This preview shows how white text looks on a background with the XYZ color 84.4609, 79.0788,

104.5781.

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

84.4609, 79.0788, 104.5781

Protanopia

77.4333, 79.4274, 105.8576

Deuteranopia

81.0032, 79.2804, 103.9618



Tritanopia

82.2093, 79.3572, 92.6459

Trichromacy



Original Color

84.4609, 79.0788, 104.5781

Protanomaly

79.9003, 79.0750, 105.6595

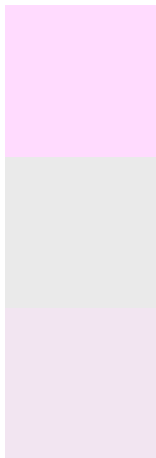
Deuteranomaly

82.2087, 79.1086, 103.8651

Tritanomaly

83.0586, 79.3154, 96.5197

Monochromacy



Original Color

84.4609, 79.0788, 104.5781

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.5144, 81.2667, 94.6616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4609, 79.0788, 104.5781 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, 219, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 254)  
}
```

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, 219, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 254) }
```

Border

The CSS property to change the border of an element to XYZ 84.4609, 79.0788, 104.5781 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, 219, 254) }
```


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

```
.border{ border-color:rgb(255, 219, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4609, 79.0788, 104.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 254) }
```

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

```
.background{ background-color: rgb(255,  
219, 254) }
```

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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