

Converting Colors

XYZ(79.9491, 74.7088,
108.9126)

Have a look what the booklet for
XYZ(79.9491, 74.7088, 108.9126)
contains.

XYZ(79.0587, 74.3678, 104.7953)	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(79.0587, 74.3678,
104.7953)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D6FF
RGB	243, 214, 255
RGB Percent	95%, 84%, 100%
CMY	0.0471, 0.1608, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	282°, 100%, 92%
HSV	282°, 16%, 100%
XYZ	79.0587, 74.3678, 104.7953
YIQ	227.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

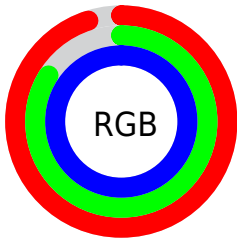
Format	Color
R _Y B	243, 214, 255
Decimal	15980287
CIE Lab	89.10, 17.23, -16.27
CIE LCh	89, 23.692, 316.644
Yxy	74.3678, 0.3062, 0.2880
Android (android.graphics.Color)	4294170367 (0xFFFF3D6FF)
YUV	227.3450, 13.6339, 13.7294
Hunter-Lab	86.2368, 12.7279, -11.6837

Details

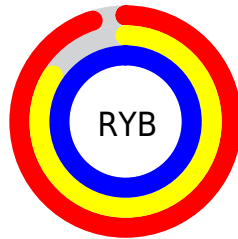
The XYZ color **79.0587, 74.3678, 104.7953** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.2634, 92.5446, 77.3072**, and the grayscale version is **73.1683, 76.9787, 83.8298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0847, 39.4383, 58.7676** is the 20% darker color. If you saturate the color by 10%, you get **70.5805, 61.1568, 102.6922**, and if you desaturate by 10%, it is **88.6559, 89.6594, 107.2411**.

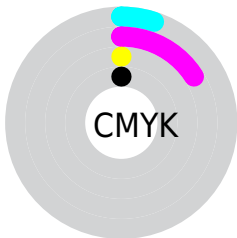
Distribution



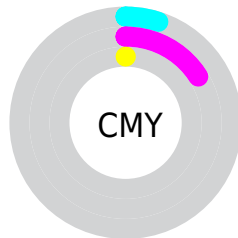
- Red (95%)
- Green (84%)
- Blue (100%)



- Red (95%)
- Yellow (84%)
- Blue (100%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0587, 74.3678, 104.7953 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 79.0587, 74.3678, 104.7953 by changing the saturation by 10% instead.

79.0587, 74.3678,
104.7953

79.0587, 74.3678,
104.7953

480.5399,
475.7418, 596.8374

59.2499, 55.0951,
79.6722

130.9990,
125.4171, 169.8407

43.0614, 39.4779,
58.9240

163.8612,
157.9624, 210.6000

30.1281, 27.1317,
42.1324

201.8051,
195.7008, 257.4086

20.0844, 17.6722,
28.8786

245.1963,
239.0166, 310.6848

12.5650, 10.7149,
18.7442

294.4000,
288.2942, 370.8472

7.2046, 5.8754,
11.3107

349.7816,

3.6379, 2.7695,

343.9180, 438.3144

6.1594

411.7064,
406.2724, 513.5050

■ 1.4994, 1.0126,
2.8719

■ 0.3254, 0.0000,
1.0296

■ 79.0587, 74.3678,
104.7953

■ 79.0587, 74.3678,
104.7953

■ 70.5805, 61.1568,
102.6922

■ 88.6559, 89.6594,
107.2411

■ 63.1670, 49.9226,
100.9145

95.0500, 100.0000,
108.9000

■ 56.7685, 40.5667,
99.4459

■ 51.3286, 32.9780,
98.2678

■ 46.7847, 27.0334,
97.3599

■ 43.0664, 22.5941,
96.6990

■ 40.0914, 19.4972,
96.2580

■ 37.7575, 17.5408,
96.0034

■ 36.9581, 16.9675,
95.9349

Harmonies

Analogous

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



73.9087, 74.3678, 115.3764



79.0587, 74.3678, 104.7953



82.0331, 74.3678, 88.5348

Triad

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



79.0587, 74.3678, 104.7953



73.2773, 74.3678, 53.8356



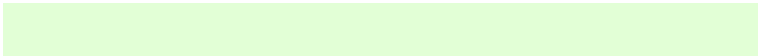
60.5822, 74.3678, 90.4162

Complementary

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



79.0587, 74.3678, 104.7953



79.2634, 92.5446, 77.3072

Split Complementary

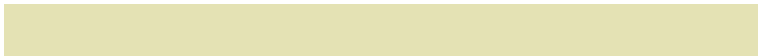
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.4337, 74.3678, 73.8562



79.0587, 74.3678, 104.7953



67.5552, 74.3678, 54.1957

Square

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



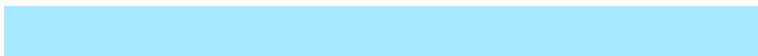
79.0587, 74.3678, 104.7953



78.5749, 74.3678, 60.0057



62.9233, 74.3678, 61.0672



63.3406, 74.3678, 106.3331

Rectangle

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



79.0587, 74.3678, 104.7953



82.2824, 74.3678, 77.3544



62.9233, 74.3678, 61.0672



60.2308, 74.3678, 84.7046

Sweetspot

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



79.0607, 74.3709, 104.7958



89.7570, 91.4323, 107.5252



73.0622, 76.0750, 105.4409



19.0575, 19.3219, 22.9750



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.



79.0607, 74.3709, 104.7958



76.4681, 70.2970, 104.1461



82.0458, 76.0590, 98.1914



18.2444, 18.0178, 22.7661



19.4676, 8.9464, 50.1354



2.0046, 0.9273, 4.8866

Inverse Universe

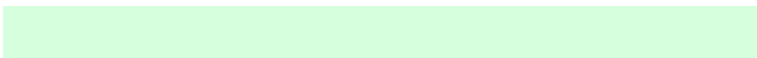
The Inverse Universe completely reimagines the original color for something new.



79.0159, 74.8471, 82.2364



76.4592, 70.8740, 77.8685



76.7054, 91.1018, 82.7925



18.2280, 18.0745, 19.8180



22.2620, 11.3941, 4.7640



2.2128, 1.1275, 0.7019

Previews

White Background



This preview shows how the XYZ color 79.0587, 74.3678, 104.7953 looks on a white background.

Color Contrast Check

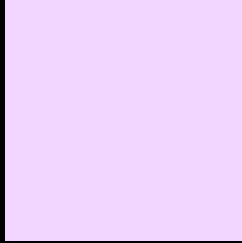
Large Text (above 18pt) WCAG AA × Fail

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 79.0587, 74.3678, 104.7953 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 79.0587, 74.3678, 104.7953

Background



This preview shows how black text looks on a background with the XYZ color 79.0587, 74.3678, 104.7953.

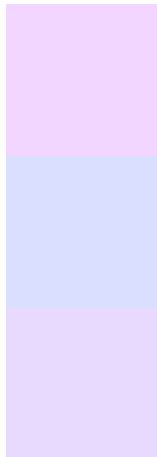


This preview shows how white text looks on a background with the XYZ color 79.0587, 74.3678,

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

79.0587, 74.3678, 104.7953

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

75.9158, 74.2875, 104.1037



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

79.0587, 74.3678, 104.7953

Protanomaly

75.0601, 74.2139, 104.9764

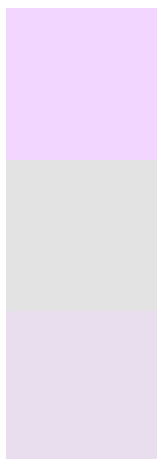
Deuteranomaly

76.9632, 74.4436, 104.0786

Tritanomaly

77.1155, 74.7373, 94.3657

Monochromacy



Original Color

79.0587, 74.3678, 104.7953

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0116, 75.6806, 90.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0587, 74.3678, 104.7953 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(243, 214, 255) looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 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(243, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.0587, 74.3678, 104.7953 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(243, 214, 255) }
```


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

```
.border{ border-color:rgb(243, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0587, 74.3678, 104.7953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 255) }
```

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

```
.background{ background-color: rgb(243,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor