

Converting Colors

XYZ(84.2219, 79.0554,
105.4280)

Have a look what the booklet for
XYZ(84.2219, 79.0554, 105.4280)
contains.

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Color

**XYZ(84.2546, 78.9539,
105.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDBFF
RGB	254, 219, 255
RGB Percent	100%, 86%, 100%
CMY	0.0039, 0.1412, 0.0000
CMYK	0.00, 0.14, 0.00, 0.00
HSL	298°, 100%, 93%
HSV	298°, 14%, 100%
XYZ	84.2546, 78.9539, 105.4067
YIQ	233.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

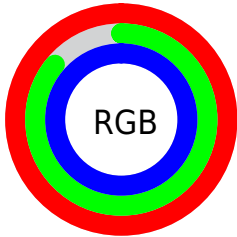
Format	Color
R_{YB}	254, 219, 255
Decimal	16702463
CIE _{Lab}	91.21, 18.18, -13.00
CIE _{LCh}	91, 22.351, 324.442
Yxy	78.9539, 0.3137, 0.2939
Android (android.graphics.Color)	4294892543 (0xFFFE _{DBFF})
YUV	233.5690, 10.5655, 17.9180
Hunter-Lab	88.8560, 13.7584, -8.1344

Details

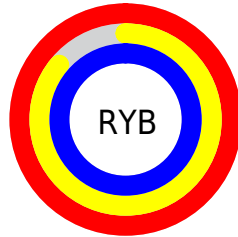
The XYZ color **84.2546, 78.9539, 105.4067** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.0634, 91.8511, 80.6365**, and the grayscale version is **77.8007, 81.8524, 89.1373**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4945, 42.4985, 59.1786** is the 20% darker color. If you saturate the color by 10%, you get **77.8473, 66.5219, 103.3448**, and if you desaturate by 10%, it is **91.6861, 93.4310, 107.8094**.

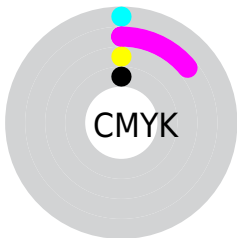
Distribution



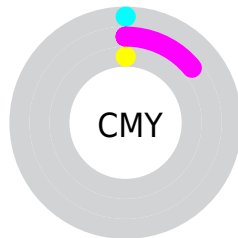
- Red (100%)
- Green (86%)
- Blue (100%)



- 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 84.2546, 78.9539, 105.4067 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 84.2546, 78.9539, 105.4067 by changing the saturation by 10% instead.

84.2546, 78.9539,
105.4067

84.2546, 78.9539,
105.4067

497.6792,
491.4004, 598.7855

63.5461, 58.8579,
80.1816

138.2507,
131.8940, 170.6840

46.5434, 42.4987,
59.3407

172.2690,
165.5068, 211.5733

32.8813, 29.4920,
42.4656

211.4545,
204.3941, 258.5210

22.1943, 19.4533,
29.1378

256.1727,
248.9402, 311.9458

14.1172, 11.9983,
18.9386

306.7890,
299.5294, 372.2661

8.2844, 6.7425,
11.4496

363.6685,

4.3308, 3.3016,

356.5463, 439.9004

6.2521

427.1768,
420.3751, 515.2674

■ 1.8909, 1.2911,
2.9277

■ 0.5716, 0.1343,
1.0578

■ 84.2546, 78.9539,
105.4067

■ 84.2546, 78.9539,
105.4067

■ 77.8473, 66.5219,
103.3448

■ 91.6861, 93.4310,
107.8094

■ 72.4116, 56.0327,
101.6066

95.0500, 100.0000,
108.9000

■ 67.8999, 47.3899,
100.1762

■ 64.2579, 40.4853,
99.0354

■ 61.4259, 35.1991,
98.1643

■ 59.3364, 31.3965,
97.5405

■ 57.9111, 28.9210,
97.1378

■ 57.0544, 27.5812,
96.9243

■ 56.7358, 27.1633,
96.8605

Harmonies

Analogous

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



79.6395, 78.9539, 117.5964



84.2546, 78.9539, 105.4067



86.4108, 78.9539, 89.0231

Triad

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



84.2546, 78.9539, 105.4067



76.1028, 78.9539, 58.5153



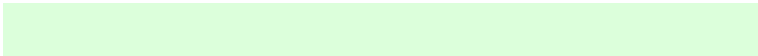
65.5606, 78.9539, 99.5269

Complementary

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



84.2546, 78.9539, 105.4067



78.0634, 91.8511, 80.6365

Split Complementary

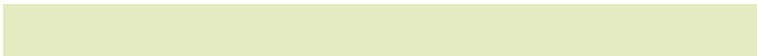
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7192, 78.9539, 82.9824



84.2546, 78.9539, 105.4067



70.6275, 78.9539, 60.5884

Square

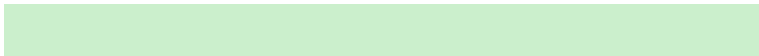
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2546, 78.9539, 105.4067



81.5551, 78.9539, 63.0119



66.5291, 78.9539, 69.0783



68.8878, 78.9539, 113.9138

Rectangle

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



84.2546, 78.9539, 105.4067



86.0894, 78.9539, 78.4222



66.5291, 78.9539, 69.0783



64.9850, 78.9539, 93.9816

Sweetspot

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



84.2567, 78.9572, 105.4072



91.7779, 93.6103, 107.8391



72.9124, 73.5754, 104.9663



19.5166, 19.7874, 23.0407



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.



84.2567, 78.9572, 105.4072



82.3051, 75.1648, 104.7781



82.0355, 78.1110, 91.7984



18.7399, 18.2732, 22.7893



29.6681, 14.2049, 50.6127



2.9038, 1.3909, 4.9287

Inverse Universe

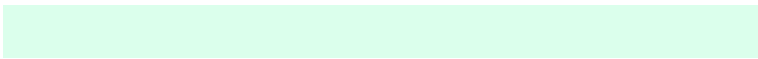
The Inverse Universe completely reimagines the original color for something new.



79.4918, 77.0936, 78.4039



76.6876, 72.9688, 72.8950



80.0869, 92.6257, 92.8645



18.0298, 17.9952, 18.7741



21.5778, 11.1204, 1.1615



2.1078, 1.0855, 0.1492

Previews

White Background



This preview shows how the XYZ color 84.2546, 78.9539, 105.4067 looks on a white background.

Color Contrast Check

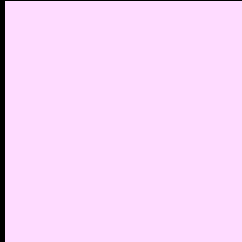
Large Text (above 18pt) WCAG AA × Fail

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 84.2546, 78.9539, 105.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

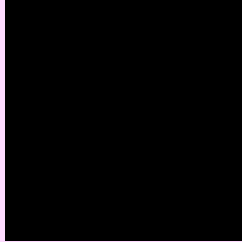
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.2546, 78.9539, 105.4067

Background



This preview shows how black text looks on a background with the XYZ color 84.2546, 78.9539, 105.4067.



This preview shows how white text looks on a background with the XYZ color 84.2546, 78.9539,

105.4067.

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

84.2546, 78.9539, 105.4067

Protanopia

77.4333, 79.4274, 105.8576

Deuteranopia

80.8207, 79.1678, 104.7871



Tritanopia

81.8461, 79.1700, 92.6289

Trichromacy



Original Color

84.2546, 78.9539, 105.4067

Protanomaly

79.5673, 78.9033, 105.6440

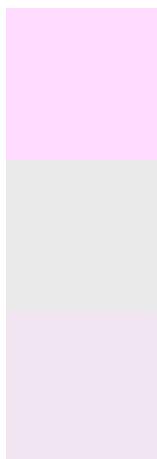
Deuteranomaly

82.0167, 78.9911, 104.6900

Tritanomaly

82.8459, 79.1881, 97.3046

Monochromacy



Original Color

84.2546, 78.9539, 105.4067

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.3220, 81.1502, 95.4345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2546, 78.9539, 105.4067 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(254, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 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(254, 219, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 84.2546, 78.9539, 105.4067 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(254, 219, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 84.2546, 78.9539, 105.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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