

Converting Colors

XYZ(109.1197, 94.9163,
105.8469)

Have a look what the booklet for
XYZ(109.1197, 94.9163, 105.8469)
contains.

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Color

**XYZ(86.4387, 83.2900,
104.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3FD
RGB	255, 227, 253
RGB Percent	100%, 89%, 99%
CMY	0.0000, 0.1098, 0.0078
CMYK	0.00, 0.11, 0.01, 0.00
HSL	304°, 100%, 95%
HSV	304°, 11%, 100%
XYZ	86.4387, 83.2900, 104.4493
YIQ	238.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

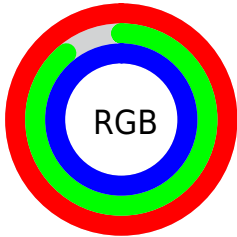
Format	Color
R _Y B	255, 227, 253
Decimal	16770045
CIE Lab	93.14, 13.99, -9.07
CIE LCh	93, 16.673, 327.032
Yxy	83.2900, 0.3153, 0.3038
Android (android.graphics.Color)	4294960125 (0xFFFFE3FD)
YUV	238.3360, 7.2294, 14.6143
Hunter-Lab	91.2634, 9.3527, -3.9720

Details

The XYZ color **86.4387, 83.2900, 104.4493** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.5839, 93.5092, 87.8811**, and the grayscale version is **81.4712, 85.7140, 93.3426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0050, 45.4963, 58.4761** is the 20% darker color. If you saturate the color by 10%, you get **79.6859, 70.2460, 100.7754**, and if you desaturate by 10%, it is **94.2308, 98.4075, 108.4856**.

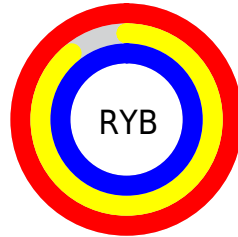
Distribution



Red (100%)

Green (89%)

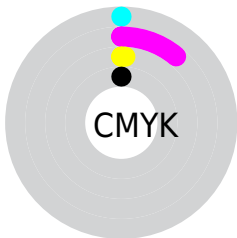
Blue (99%)



Red (100%)

Yellow (89%)

Blue (99%)

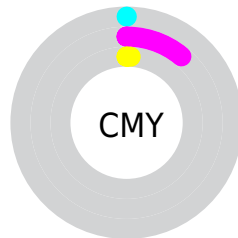


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4387, 83.2900, 104.4493 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 86.4387, 83.2900, 104.4493 by changing the saturation by 10% instead.


 86.4387, 83.2900,
104.4493

 86.4387, 83.2900,
104.4493


504.7889,
505.9525, 595.7334

 65.3573, 62.4294,
79.3840


141.2852,
137.9816, 169.3632

 48.0166, 45.3798,
58.6884


175.7810,
172.5813, 210.0489

 34.0514, 31.7567,
41.9440

215.4790,
212.5296, 256.7785

 23.0961, 21.1757,
28.7322

260.7445,
258.2108, 309.9705

 14.7856, 13.2525,
18.6345

311.9429,
310.0093, 370.0434

 8.7544, 7.6026,
11.2323

369.4395,

 4.6371, 3.8418,

368.3095, 437.4158

6.1072

433.5997,
433.4957, 512.5063

■ 2.0685, 1.5854,
2.8405

■ 0.6720, 0.3478,
1.0138

■ 86.4387, 83.2900,
104.4493

■ 86.4387, 83.2900,
104.4493

■ 79.6859, 70.2460,
100.7754

94.2308, 98.4075,
108.4856

■ 73.9217, 59.1750,
97.4436

95.0500, 100.0000,
108.9000

■ 69.0992, 49.9833,
94.4392

■ 65.1659, 42.5653,
91.7447

■ 62.0638, 36.8054,
89.3409

■ 59.7280, 32.5739,
87.2059

■ 58.0844, 29.7222,
85.3151

■ 57.0436, 28.0719,
83.6386

■ 56.4962, 27.3625,
82.2681

Harmonies

Analogous

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



83.0522, 83.2900, 113.9010



86.4387, 83.2900, 104.4493



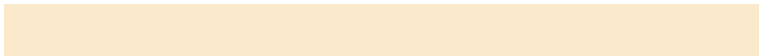
87.8718, 83.2900, 91.9424

Triad

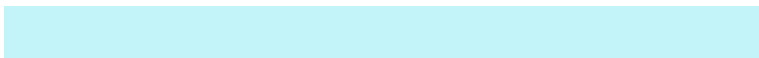
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4387, 83.2900, 104.4493



79.6012, 83.2900, 68.6817



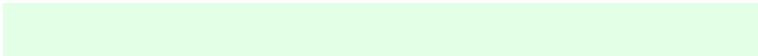
71.9011, 83.2900, 102.0922

Complementary

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



86.4387, 83.2900, 104.4493



81.5839, 93.5092, 87.8811

Split Complementary

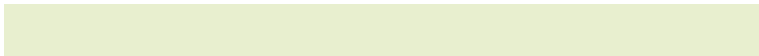
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0526, 83.2900, 89.4464



86.4387, 83.2900, 104.4493



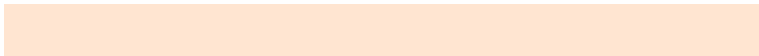
75.4003, 83.2900, 70.8658

Square

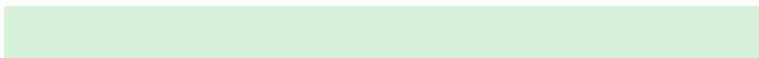
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4387, 83.2900, 104.4493



83.8340, 83.2900, 71.9299



72.3106, 83.2900, 78.1930



74.6720, 83.2900, 112.4544

Rectangle

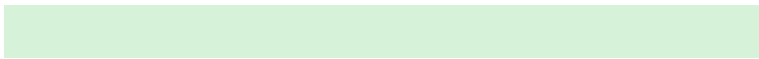
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4387, 83.2900, 104.4493



87.4886, 83.2900, 83.8092



72.3106, 83.2900, 78.1930



71.3861, 83.2900, 97.9347

Sweetspot

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



86.4405, 83.2933, 104.4511



92.5701, 95.1807, 107.6402



77.7930, 78.7983, 105.7172



19.6754, 20.1039, 22.9686



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.



86.4405, 83.2933, 104.4511



84.9927, 80.4914, 103.6794



84.3109, 82.4414, 93.2364



18.7334, 18.2767, 22.4792



29.5442, 14.3070, 43.1119



2.8927, 1.3995, 4.2824

Inverse Universe

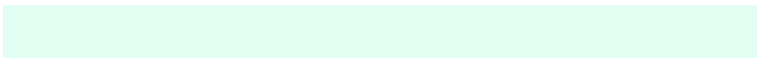
The Inverse Universe completely reimagines the original color for something new.



86.4405, 83.2933, 104.4511



84.9927, 80.4914, 103.6794



83.5983, 94.3150, 98.4890



18.7334, 18.2767, 22.4792



29.5442, 14.3070, 43.1119



2.8927, 1.3995, 4.2824

Previews

White Background



This preview shows how the XYZ color 86.4387, 83.2900, 104.4493 looks on a white background.

Color Contrast Check

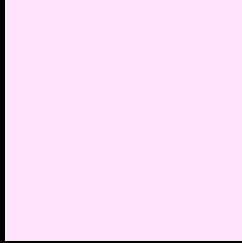
Large Text (above 18pt) WCAG AA × Fail

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 86.4387, 83.2900, 104.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

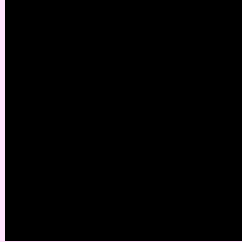
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.4387, 83.2900, 104.4493

Background



This preview shows how black text looks on a background with the XYZ color 86.4387, 83.2900, 104.4493.



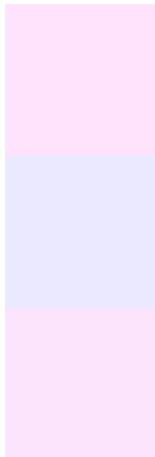
This preview shows how white text looks on a background with the XYZ color 86.4387, 83.2900,

104.4493.

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

86.4387, 83.2900, 104.4493

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

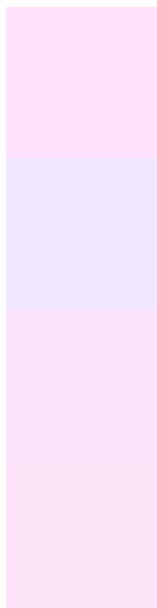
85.1733, 83.4545, 104.5477



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

86.4387, 83.2900, 104.4493

Protanomaly

82.7409, 83.0084, 105.4272

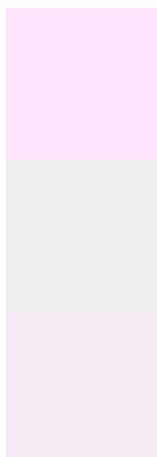
Deuteranomaly

85.6179, 83.2741, 104.4895

Tritanomaly

85.7153, 83.3972, 101.2021

Monochromacy



Original Color

86.4387, 83.2900, 104.4493

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.9087, 84.5498, 96.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4387, 83.2900, 104.4493 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, 227, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 253)  
}
```

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, 227, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 253) }
```

Border

The CSS property to change the border of an element to XYZ 86.4387, 83.2900, 104.4493 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, 227, 253) }
```


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

```
.border{ border-color:rgb(255, 227, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4387, 83.2900, 104.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 253) }
```

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

```
.background{ background-color: rgb(255,  
227, 253) }
```

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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