

Converting Colors

XYZ(86.5225, 83.3040,
104.9507)

Have a look what the booklet for
XYZ(86.5225, 83.3040, 104.9507)
contains.

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Color

**XYZ(86.5985, 83.3539,
105.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3FE
RGB	255, 227, 254
RGB Percent	100%, 89%, 100%
CMY	0.0000, 0.1098, 0.0039
CMYK	0.00, 0.11, 0.00, 0.00
HSL	302°, 100%, 95%
HSV	302°, 11%, 100%
XYZ	86.5985, 83.3539, 105.2906
YIQ	238.4500, 8.0210, 14.3330

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 227, 254
Decimal	16770046
CIE Lab	93.17, 14.17, -9.55
CIE LCh	93, 17.087, 326.007
Yxy	83.3539, 0.3146, 0.3028
Android (android.graphics.Color)	4294960126 (0xFFFE3FE)
YUV	238.4500, 7.6662, 14.5144
Hunter-Lab	91.2984, 9.5391, -4.4678

Details

The XYZ color **86.5985, 83.3539, 105.2906** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.4446, 93.4535, 87.1477**, and the grayscale version is **81.5564, 85.8037, 93.4403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1193, 45.5420, 59.0777** is the 20% darker color. If you saturate the color by 10%, you get **79.9890, 70.3672, 102.3716**, and if you desaturate by 10%, it is **94.2451, 98.4132, 108.5611**.

Distribution



- Red (100%)
- Green (89%)
- Blue (100%)



- Red (100%)
- Yellow (89%)
- Blue (100%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5985, 83.3539, 105.2906 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 86.5985, 83.3539, 105.2906 by changing the saturation by 10% instead.


 86.5985, 83.3539,
105.2906

 86.5985, 83.3539,
105.2906


505.3070,
506.1652, 598.4159

 65.4899, 62.4821,
80.0848


141.5069,
138.0710, 170.5239

 48.1246, 45.4224,
59.2616


176.0375,
172.6852, 211.3886

 34.1373, 31.7903,
42.4023


215.7727,
212.6489, 258.3099

 23.1624, 21.2013,
29.0885

261.0780,
258.3466, 311.7064

 14.8349, 13.2713,
18.9016

312.3188,
310.1627, 371.9968

 8.7891, 7.6156,
11.4231

369.8603,

 4.6599, 3.8500,

368.4816, 439.5994

6.2345

434.0679,
433.6876, 514.9329

■ 2.0818, 1.5900,
2.9171

■ 0.6793, 0.3508,
1.0525

■ 86.5985, 83.3539,
105.2906

■ 86.5985, 83.3539,
105.2906

■ 79.9890, 70.3672,
102.3716

94.2451, 98.4132,
108.5611

■ 74.3661, 59.3528,
99.7837

95.0500, 100.0000,
108.9000

■ 69.6829, 50.2167,
97.5125

■ 65.8867, 42.8536,
95.5403

■ 62.9196, 37.1477,
93.8479

■ 60.7170, 32.9695,
92.4137

■ 59.2044, 30.1702,
91.2129

■ 58.2926, 28.5714,
90.2157

■ 57.8599, 27.9079,
89.4490

Harmonies

Analogous

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



83.0702, 83.3539, 114.8341



86.5985, 83.3539, 105.2906



88.1505, 83.3539, 92.4904

Triad

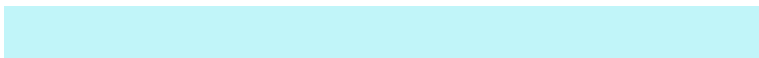
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5985, 83.3539, 105.2906



79.8279, 83.3539, 68.2668



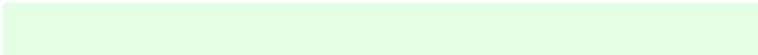
71.7192, 83.3539, 102.0332

Complementary

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



86.5985, 83.3539, 105.2906



81.4446, 93.4535, 87.1477

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.



70.9240, 83.3539, 89.0478



86.5985, 83.3539, 105.2906



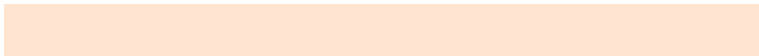
75.5011, 83.3539, 70.3072

Square

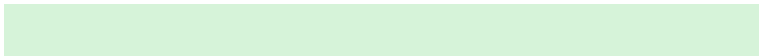
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5985, 83.3539, 105.2906



84.1492, 83.3539, 71.7690



72.2831, 83.3539, 77.6286



74.4974, 83.3539, 112.8322

Rectangle

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



86.5985, 83.3539, 105.2906



87.8141, 83.3539, 84.1117



72.2831, 83.3539, 77.6286



71.2157, 83.3539, 97.7460

Sweetspot

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



86.6003, 83.3572, 105.2924



92.6140, 95.1982, 107.8714



77.4962, 78.6453, 105.7033



19.6873, 20.1086, 23.0313



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.



86.6003, 83.3572, 105.2924



85.1816, 80.5670, 104.6742



84.4492, 82.4967, 93.9649



18.7630, 18.2885, 22.6352



30.2455, 14.5875, 46.8047



2.9533, 1.4237, 4.6016

Inverse Universe

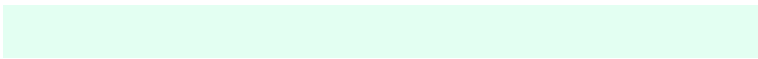
The Inverse Universe completely reimagines the original color for something new.



86.6003, 83.3572, 105.2924



85.1816, 80.5670, 104.6742



83.4578, 94.2588, 97.7491



18.7630, 18.2885, 22.6352



30.2455, 14.5875, 46.8047



2.9533, 1.4237, 4.6016

Previews

White Background



This preview shows how the XYZ color 86.5985, 83.3539, 105.2906 looks on a white background.

Color Contrast Check

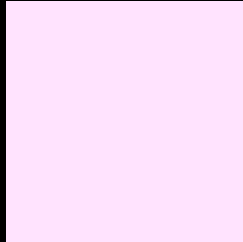
Large Text (above 18pt) WCAG AA × Fail

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 86.5985, 83.3539, 105.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

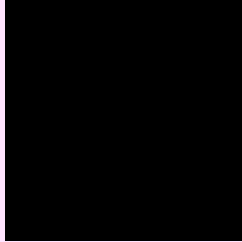
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5985, 83.3539, 105.2906

Background



This preview shows how black text looks on a background with the XYZ color 86.5985, 83.3539, 105.2906.



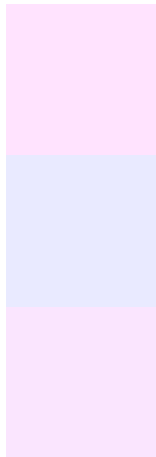
This preview shows how white text looks on a background with the XYZ color 86.5985, 83.3539,

105.2906.

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

86.5985, 83.3539, 105.2906

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

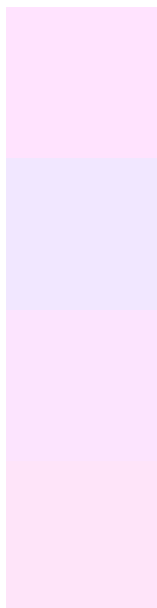
85.3330, 83.5184, 105.3891



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

86.5985, 83.3539, 105.2906

Protanomaly

82.9015, 83.0726, 106.2730

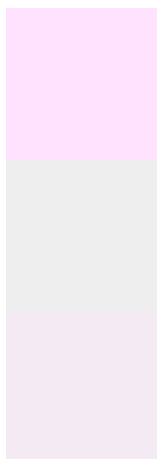
Deuteranomaly

85.7777, 83.3380, 105.3308

Tritanomaly

85.7153, 83.3972, 101.2021

Monochromacy



Original Color

86.5985, 83.3539, 105.2906

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

83.0602, 84.6104, 97.5416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5985, 83.3539, 105.2906 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, 254) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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, 227, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 254) }
```

Border

The CSS property to change the border of an element to XYZ 86.5985, 83.3539, 105.2906 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, 254) }
```


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

```
.border{ border-color:rgb(255, 227, 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, 227, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5985, 83.3539, 105.2906 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, 254) }
```

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

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