

Converting Colors

XYZ(86.6156, 83.4866,
106.1571)

Have a look what the booklet for
XYZ(86.6156, 83.4866, 106.1571)
contains.

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Color

**XYZ(86.3921, 83.2290,
106.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE3FF
RGB	254, 227, 255
RGB Percent	100%, 89%, 100%
CMY	0.0039, 0.1098, 0.0000
CMYK	0.00, 0.11, 0.00, 0.00
HSL	298°, 100%, 95%
HSV	298°, 11%, 100%
XYZ	86.3921, 83.2290, 106.1192
YIQ	238.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 227, 255
Decimal	16704511
CIE Lab	93.11, 14.02, -10.16
CIE LCh	93, 17.314, 324.051
Yxy	83.2290, 0.3133, 0.3018
Android (android.graphics.Color)	4294894591 (0xFFEE3FF)
YUV	238.2650, 8.2504, 13.7996
Hunter-Lab	91.2299, 9.3820, -5.1055

Details

The XYZ color **86.3921, 83.2290, 106.1192** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.6222, 93.5611, 86.4344**, and the grayscale version is **81.4095, 85.6491, 93.2719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9715, 45.4526, 59.6709** is the 20% darker color. If you saturate the color by 10%, you get **79.5963, 70.1295, 103.9489**, and if you desaturate by 10%, it is **94.2268, 98.4021, 108.6350**.

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 86.3921, 83.2290, 106.1192 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 86.3921, 83.2290, 106.1192 by changing the saturation by 10% instead.


 86.3921, 83.2290,
106.1192

 86.3921, 83.2290,
106.1192


504.6378,
505.7494, 601.0517

 65.3186, 62.3791,
80.7754


141.2205,
137.8961, 171.6662

 47.9851, 45.3391,
59.8267


175.7062,
172.4822, 212.7065

 34.0263, 31.7246,
42.8546


215.3933,
212.4157, 259.8161

 23.0768, 21.1512,
29.4405

260.6472,
258.0811, 313.4135

 14.7712, 13.2346,
19.1659

311.8332,
309.8628, 373.9172

 8.7443, 7.5903,
11.6122

369.3168,

 4.6305, 3.8339,

368.1451, 441.7457

6.3609

433.4632,
433.3125, 517.3177

■ 2.0647, 1.5811,
2.9934

■ 0.6699, 0.3448,
1.0913

■ 86.3921, 83.2290,
106.1192

■ 86.3921, 83.2290,
106.1192

■ 79.5963, 70.1295,
103.9489

94.2268, 98.4021,
108.6350

■ 73.7875, 59.0025,
102.1073

95.0500, 100.0000,
108.9000

■ 68.9194, 49.7545,
100.5789

■ 64.9391, 42.2799,
99.3459

■ 61.7889, 36.4631,
98.3892

■ 59.4040, 32.1745,
97.6871

■ 57.7099, 29.2653,
97.2149

■ 56.6176, 27.5573,
96.9428

■ 56.0228, 26.7957,
96.8271

Harmonies

Analogous

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



82.7209, 83.2290, 115.4450



86.3921, 83.2290, 106.1192



88.1182, 83.2290, 93.2405

Triad

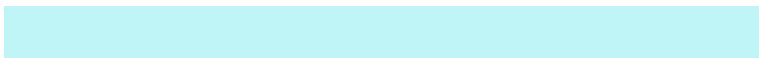
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3921, 83.2290, 106.1192



80.0157, 83.2290, 67.9446



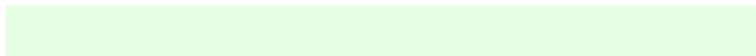
71.3938, 83.2290, 101.2066

Complementary

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



86.3921, 83.2290, 106.1192



81.6222, 93.5611, 86.4344

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.



70.7314, 83.2290, 88.0535



86.3921, 83.2290, 106.1192



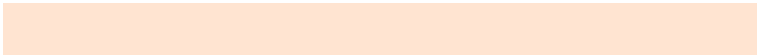
75.5993, 83.2290, 69.6400

Square

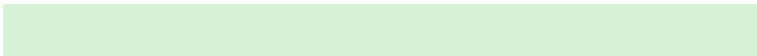
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3921, 83.2290, 106.1192



84.3473, 83.2290, 71.8386



72.2428, 83.2290, 76.7126



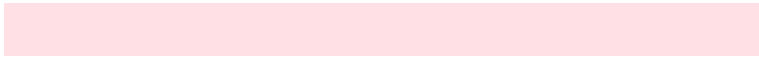
74.0877, 83.2290, 112.4241

Rectangle

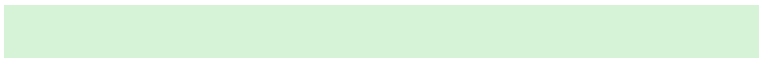
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3921, 83.2290, 106.1192



87.8881, 83.2290, 84.6824



72.2428, 83.2290, 76.7126



70.9305, 83.2290, 96.8335

Sweetspot

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



86.3943, 83.2325, 106.1197



92.5576, 95.1641, 108.0979



77.5855, 79.2621, 105.8177



19.6720, 20.0994, 23.0927



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.



86.3943, 83.2325, 106.1197



84.9378, 80.4193, 105.6535



84.7983, 82.6364, 95.8029



18.7248, 18.2654, 22.7886



29.3016, 14.0160, 50.5956



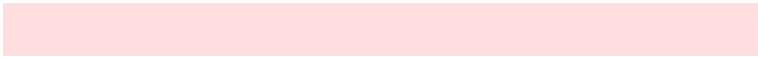
2.8722, 1.3746, 4.9272

Inverse Universe

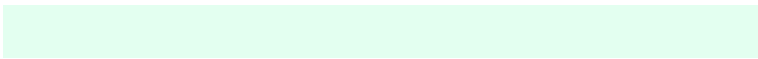
The Inverse Universe completely reimagines the original color for something new.



82.7149, 81.8031, 84.8320



80.6451, 78.7524, 80.7852



83.1097, 94.1196, 95.9159



18.0356, 17.9976, 18.8048



21.5862, 11.1238, 1.2053



2.1106, 1.0866, 0.1638

Previews

White Background



This preview shows how the XYZ color 86.3921, 83.2290, 106.1192 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 86.3921, 83.2290, 106.1192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

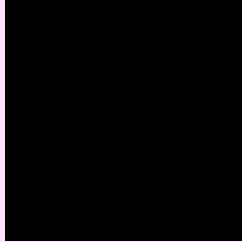
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

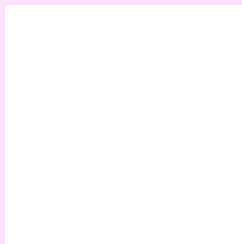
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3921, 83.2290, 106.1192

Background



This preview shows how black text looks on a background with the XYZ color 86.3921, 83.2290, 106.1192.

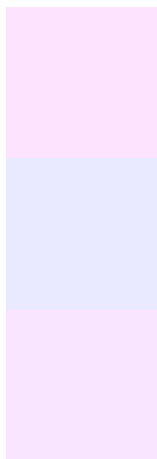


This preview shows how white text looks on a background with the XYZ color 86.3921, 83.2290,

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

86.3921, 83.2290, 106.1192

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

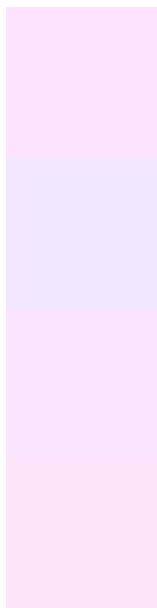
85.1362, 83.3984, 106.2181



Tritanopia

84.8860, 83.0233, 98.7399

Trichromacy



Original Color

86.3921, 83.2290, 106.1192

Protanomaly

82.9015, 83.0726, 106.2730

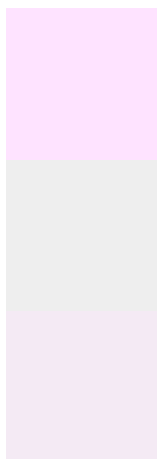
Deuteranomaly

85.5771, 83.2160, 106.1596

Tritanomaly

85.3503, 83.2090, 101.1850

Monochromacy



Original Color

86.3921, 83.2290, 106.1192

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 86.3921, 83.2290, 106.1192 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, 227, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 86.3921, 83.2290, 106.1192 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, 227, 255) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 86.3921, 83.2290, 106.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 255) }
```

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

```
.background{ background-color: rgb(254,  
227, 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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