

Converting Colors

XYZ(88.0195, 83.6517,
115.4294)

Have a look what the booklet for
XYZ(88.0195, 83.6517, 115.4294)
contains.

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Color

**XYZ(86.1194, 82.6835,
106.0283)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE2FF
RGB	254, 226, 255
RGB Percent	100%, 89%, 100%
CMY	0.0039, 0.1137, 0.0000
CMYK	0.00, 0.11, 0.00, 0.00
HSL	298°, 100%, 94%
HSV	298°, 11%, 100%
XYZ	86.1194, 82.6835, 106.0283
YIQ	237.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 226, 255
Decimal	16704255
CIE _{Lab}	92.88, 14.54, -10.52
CIE _{LCh}	93, 17.943, 324.106
Yxy	82.6835, 0.3134, 0.3009
Android (android.graphics.Color)	4294894335 (0xFFEE2FF)
YUV	237.6780, 8.5397, 14.3144
Hunter-Lab	90.9305, 9.9274, -5.4830

Details

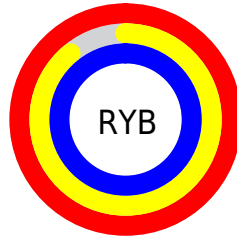
The XYZ color **86.1194, 82.6835, 106.0283** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.1681, 93.3428, 85.6946**, and the grayscale version is **80.9531, 85.1690, 92.7490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7819, 45.0734, 59.6077** is the 20% darker color. If you saturate the color by 10%, you get **79.3747, 69.6691, 103.8717**, and if you desaturate by 10%, it is **93.9011, 97.7679, 108.5297**.

Distribution



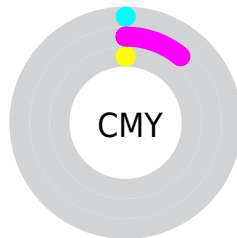
- Red (100%)
- Green (89%)
- Blue (100%)



- 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 86.1194, 82.6835, 106.0283 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 86.1194, 82.6835, 106.0283 by changing the saturation by 10% instead.


 86.1194, 82.6835,
106.0283

 86.1194, 82.6835,
106.0283


503.7529,
503.9311, 600.7628

 65.0923, 61.9291,
80.6996


140.8421,
137.1321, 171.5409

 47.8009, 44.9754,
59.7647


175.2684,
171.5951, 212.5620

 33.8798, 31.4381,
42.8050


214.8918,
211.3963, 259.6509

 22.9638, 20.9326,
29.4018

260.0776,
256.9203, 313.2263

 14.6873, 13.0748,
19.1368

311.1913,
308.5514, 373.7067

 8.6851, 7.4801,
11.5914

368.5982,

 4.5918, 3.7641,

366.6739, 441.5105

6.3469

432.6636,
431.6724, 517.0564

■ 2.0421, 1.5425,
2.9850

■ 0.6574, 0.3184,
1.0870

■ 86.1194, 82.6835,
106.0283

■ 86.1194, 82.6835,
106.0283

■ 79.3747, 69.6691,
103.8717

■ 93.9011, 97.7679,
108.5297

■ 73.6150, 58.6235,
102.0433

■ 95.0500, 100.0000,
108.9000

■ 68.7939, 49.4529,
100.5273

■ 64.8585, 42.0513,
99.3060

■ 61.7506, 36.3027,
98.3602

■ 59.4051, 32.0767,
97.6682

■ 57.7472, 29.2238,
97.2049

■ 56.6870, 27.5642,
96.9404

■ 56.1334, 26.8527,
96.8323

Harmonies

Analogous

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



82.3278, 82.6835, 115.7095



86.1194, 82.6835, 106.0283



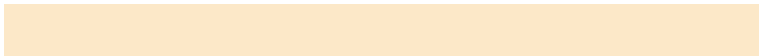
87.9004, 82.6835, 92.7053

Triad

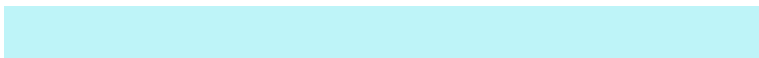
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1194, 82.6835, 106.0283



79.5175, 82.6835, 66.7123



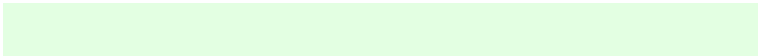
70.6437, 82.6835, 100.9897

Complementary

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



86.1194, 82.6835, 106.0283



81.1681, 93.3428, 85.6946

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.



69.9581, 82.6835, 87.4033



86.1194, 82.6835, 106.0283



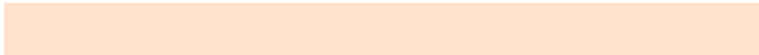
74.9636, 82.6835, 68.4593

Square

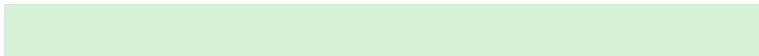
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1194, 82.6835, 106.0283



83.9926, 82.6835, 70.6917



71.5094, 82.6835, 75.7247



73.4207, 82.6835, 112.6039

Rectangle

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



86.1194, 82.6835, 106.0283



87.6590, 82.6835, 83.8816



71.5094, 82.6835, 75.7247



70.1657, 82.6835, 96.4681

Sweetspot

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



86.1216, 82.6870, 106.0288



92.5611, 95.1659, 108.0981



77.0096, 78.5773, 105.7158



19.6730, 20.0999, 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.



86.1216, 82.6870, 106.0288



84.2491, 79.0673, 105.4289



84.4578, 82.0638, 95.3555



18.7272, 18.2666, 22.7887



29.3584, 14.0453, 50.5982



2.8771, 1.3771, 4.9274

Inverse Universe

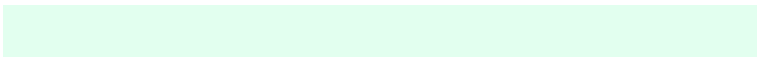
The Inverse Universe completely reimagines the original color for something new.



82.3036, 81.2021, 84.0116



79.6383, 77.2751, 78.7964



82.7137, 93.9248, 95.4724



18.0347, 17.9972, 18.8000



21.5849, 11.1232, 1.1984



2.1102, 1.0864, 0.1615

Previews

White Background



This preview shows how the XYZ color 86.1194, 82.6835, 106.0283 looks on a white background.

Color Contrast Check

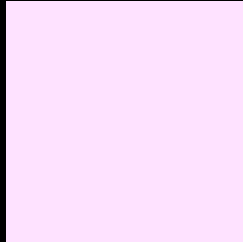
Large Text (above 18pt) WCAG AA × Fail

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 86.1194, 82.6835, 106.0283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

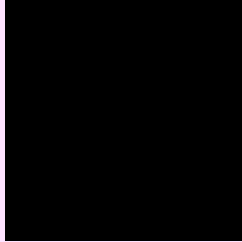
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.1194, 82.6835, 106.0283

Background



This preview shows how black text looks on a background with the XYZ color 86.1194, 82.6835, 106.0283.



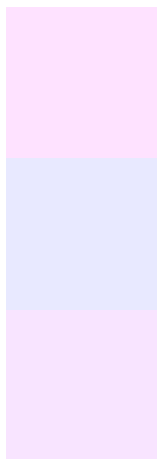
This preview shows how white text looks on a background with the XYZ color 86.1194, 82.6835,

106.0283.

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

86.1194, 82.6835, 106.0283

Protanopia

80.4676, 82.6536, 106.3204

Deuteranopia

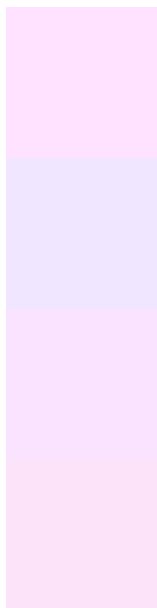
84.5048, 82.6633, 106.1095



Tritanopia

84.7328, 82.9620, 97.9336

Trichromacy



Original Color

86.1194, 82.6835, 106.0283

Protanomaly

82.2820, 82.3389, 106.1640

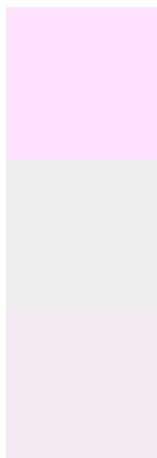
Deuteranomaly

84.9434, 82.4822, 106.0514

Tritanomaly

85.0760, 82.6604, 101.0936

Monochromacy



Original Color

86.1194, 82.6835, 106.0283

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 86.1194, 82.6835, 106.0283 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 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, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.1194, 82.6835, 106.0283 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, 226, 255) }
```


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

```
.border{ border-color:rgb(254, 226, 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, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1194, 82.6835, 106.0283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 255) }
```

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

```
.background{ background-color: rgb(254,  
226, 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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