

Converting Colors

XYZ(83.4496, 82.1193,
106.0601)

Have a look what the booklet for
XYZ(83.4496, 82.1193, 106.0601)
contains.

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Color

**XYZ(83.4496, 82.1193,
106.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E4FF
RGB	245, 228, 255
RGB Percent	96%, 89%, 100%
CMY	0.0392, 0.1059, 0.0000
CMYK	0.04, 0.11, 0.00, 0.00
HSL	278°, 100%, 95%
HSV	278°, 11%, 100%
XYZ	83.4496, 82.1193, 106.0601
YIQ	236.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

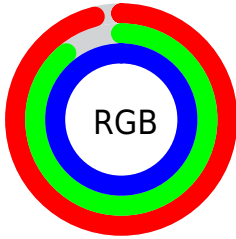
Format	Color
R_{YB}	245, 228, 255
Decimal	16114943
CIE _{Lab}	92.63, 10.55, -10.97
CIE _{LCh}	93, 15.221, 313.898
Yxy	82.1193, 0.3072, 0.3023
Android (android.graphics.Color)	4294305023 (0xFFFF5E4FF)
YUV	236.1610, 9.2876, 7.7518
Hunter-Lab	90.6197, 5.7921, -5.9584

Details

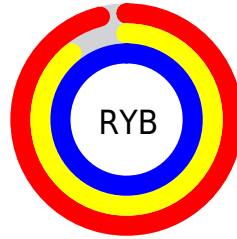
The XYZ color **83.4496, 82.1193, 106.0601** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0255, 95.2996, 87.3162**, and the grayscale version is **79.7844, 83.9394, 91.4100**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1229, 44.7832, 59.6392** is the 20% darker color. If you saturate the color by 10%, you get **73.7346, 67.4559, 103.7418**, and if you desaturate by 10%, it is **94.3718, 98.9454, 108.7322**.

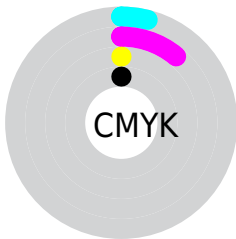
Distribution



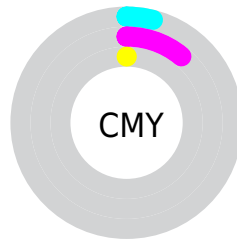
- Red (96%)
- Green (89%)
- Blue (100%)



- Red (96%)
- Yellow (89%)
- Blue (100%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4496, 82.1193, 106.0601 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 83.4496, 82.1193, 106.0601 by changing the saturation by 10% instead.

 83.4496, 82.1193,
106.0601

 83.4496, 82.1193,
106.0601

495.0450,
502.0467, 600.8639

 62.8793, 61.4639,
80.7262


137.1302,
136.3413, 171.5848

 46.0018, 44.5996,
59.7864


170.9713,
170.6766, 212.6126

 32.4519, 31.1422,
42.8223


209.9666,
210.3408, 259.7087

 21.8641, 20.7072,
29.4154

254.4816,
255.7180, 313.2918

 13.8731, 12.9101,
19.1470

304.8815,
307.1929, 373.7803

 8.1136, 7.3667,
11.5986

361.5319,

 4.2201, 3.6925,

365.1497, 441.5928

6.3518

424.7979,
429.9728, 517.1478

■ 1.8274, 1.5031,
2.9879

■ 0.5341, 0.2909,
1.0885

■ 83.4496, 82.1193,
106.0601

■ 83.4496, 82.1193,
106.0601

■ 73.7346, 67.4559,
103.7418

94.3718, 98.9454,
108.7322

■ 65.1726, 54.8534,
101.7605

95.0500, 100.0000,
108.9000

■ 57.7148, 44.2172,
100.1006

■ 51.3061, 35.4407,
98.7444

■ 45.8862, 28.4073,
97.6724

■ 41.3878, 22.9867,
96.8632

■ 37.7344, 19.0297,
96.2920

■ 34.8344, 16.3578,
95.9291

■ 32.6581, 14.7507,
95.7336

Harmonies

Analogous

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



79.8945, 82.1193, 112.2887



83.4496, 82.1193, 106.0601



85.5959, 82.1193, 95.5974

Triad

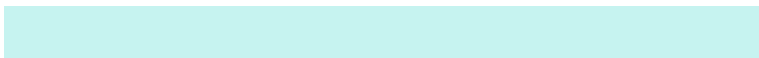
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4496, 82.1193, 106.0601



80.1822, 82.1193, 70.0624



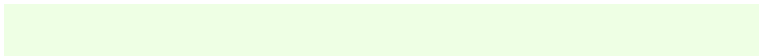
70.8937, 82.1193, 94.7529

Complementary

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



83.4496, 82.1193, 106.0601



85.0255, 95.2996, 87.3162

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.



70.9648, 82.1193, 83.5031



83.4496, 82.1193, 106.0601



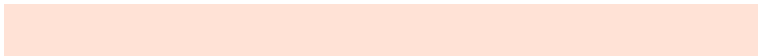
76.2379, 82.1193, 69.8780

Square

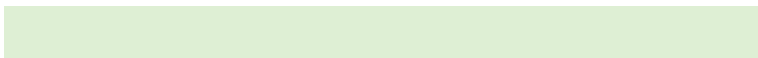
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4496, 82.1193, 106.0601



83.6663, 82.1193, 75.1344



72.8922, 82.1193, 74.6076



72.6945, 82.1193, 105.3970

Rectangle

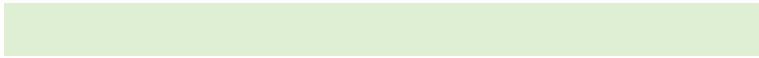
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4496, 82.1193, 106.0601



85.8951, 82.1193, 87.9403



72.8922, 82.1193, 74.6076



70.7014, 82.1193, 90.9040

Sweetspot

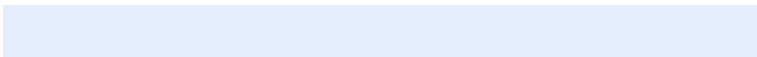
The Sweet Spot groups the original color and five complimentary colors.



83.4518, 82.1227, 106.0606



91.6231, 94.6824, 108.0542



80.7243, 85.0700, 106.7733



19.4191, 19.9690, 23.0809



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.



83.4518, 82.1227, 106.0606



80.9977, 78.3881, 105.4691



86.5320, 83.7687, 103.5797



18.1023, 17.9445, 22.7595



17.2349, 7.7954, 50.0309



1.7988, 0.8212, 4.8770

Inverse Universe

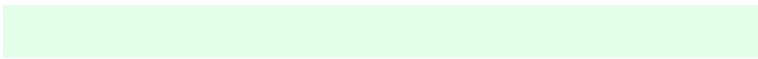
The Inverse Universe completely reimagines the original color for something new.



84.4181, 82.9232, 92.4483



82.1911, 79.3708, 88.9266



82.2024, 93.7932, 89.4875



18.2875, 18.0983, 20.1313



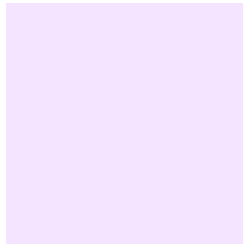
22.6808, 11.5616, 6.9697



2.2590, 1.1460, 0.9453

Previews

White Background



This preview shows how the XYZ color 83.4496, 82.1193, 106.0601 looks on a white background.

Color Contrast Check

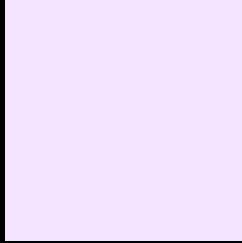
Large Text (above 18pt) WCAG AA × Fail

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 83.4496, 82.1193, 106.0601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

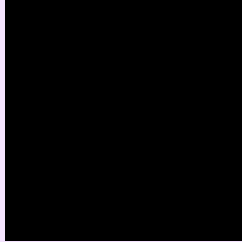
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4496, 82.1193, 106.0601

Background



This preview shows how black text looks on a background with the XYZ color 83.4496, 82.1193, 106.0601.



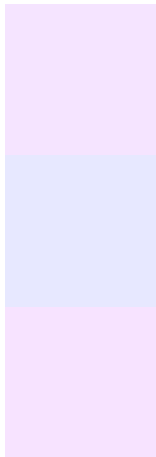
This preview shows how white text looks on a background with the XYZ color 83.4496, 82.1193,

106.0601.

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

83.4496, 82.1193, 106.0601

Protanopia

79.8616, 81.9221, 106.2111

Deuteranopia

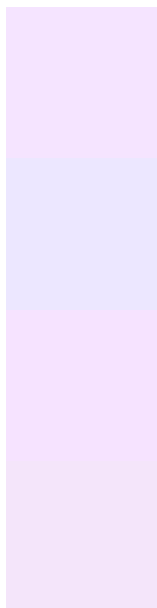
83.8769, 81.9323, 106.0015



Tritanopia

82.1160, 81.9871, 99.4928

Trichromacy



Original Color

83.4496, 82.1193, 106.0601

Protanomaly

81.2180, 82.2047, 106.1942

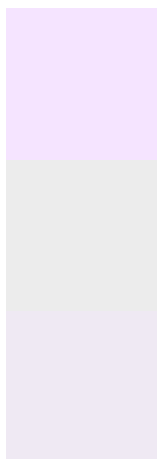
Deuteranomaly

83.5251, 81.7510, 105.9850

Tritanomaly

82.5829, 82.1738, 101.9510

Monochromacy



Original Color

83.4496, 82.1193, 106.0601

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.9132, 83.0996, 96.5693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4496, 82.1193, 106.0601 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(245, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 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(245, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.4496, 82.1193, 106.0601 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(245, 228, 255) }
```


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

```
.border{ border-color:rgb(245, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4496, 82.1193, 106.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 255) }
```

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

```
.background{ background-color: rgb(245,  
228, 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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