

Converting Colors

XYZ(82.8418, 83.4585,
106.3506)

Have a look what the booklet for
XYZ(82.8418, 83.4585, 106.3506)
contains.

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Color

**XYZ(82.8418, 83.4585,
106.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E8FF
RGB	240, 232, 255
RGB Percent	94%, 91%, 100%
CMY	0.0588, 0.0902, 0.0000
CMYK	0.06, 0.09, 0.00, 0.00
HSL	261°, 100%, 95%
HSV	261°, 9%, 100%
XYZ	82.8418, 83.4585, 106.3506
YIQ	237.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

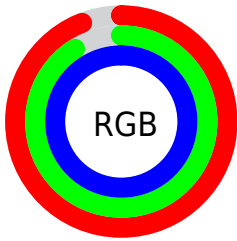
Format	Color
R_{YB}	240, 232, 255
Decimal	15788287
CIE _{Lab}	93.21, 6.86, -10.14
CIE _{LCh}	93, 12.237, 304.078
Yxy	83.4585, 0.3038, 0.3061
Android (android.graphics.Color)	4293978367 (0xFFFF0E8FF)
YUV	237.0140, 8.8671, 2.6187
Hunter-Lab	91.3556, 1.9925, -5.0728

Details

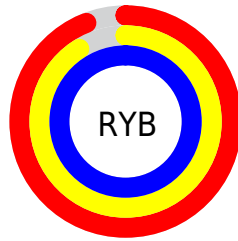
The XYZ color **82.8418, 83.4585, 106.3506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6853, 97.1213, 90.4201**, and the grayscale version is **80.4444, 84.6338, 92.1662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4855, 45.3182, 59.7760** is the 20% darker color. If you saturate the color by 10%, you get **70.7887, 67.3532, 103.8772**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

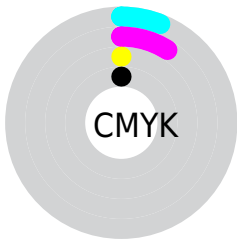
Distribution



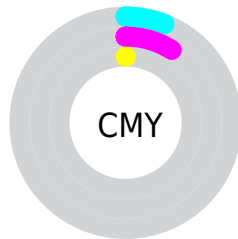
- Red (94%)
- Green (91%)
- Blue (100%)



- Red (94%)
- Yellow (91%)
- Blue (100%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8418, 83.4585, 106.3506 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 82.8418, 83.4585, 106.3506 by changing the saturation by 10% instead.

82.8418, 83.4585,
106.3506

82.8418, 83.4585,
106.3506

493.0510,
506.5133, 601.7867

62.3761, 62.5685,
80.9683

136.2835,
138.2174, 171.9851

45.5934, 45.4922,
59.9847

169.9903,
172.8551, 213.0743

32.1284, 31.8453,
42.9811

208.8415,
212.8442, 260.2364

21.6156, 21.2434,
29.5390

253.2025,
258.5690, 313.8897

13.6897, 13.3020,
19.2398

303.4385,
310.4139, 374.4528

7.9854, 7.6368,
11.6651

359.9151,

4.1374, 3.8635,

368.7633, 442.3444

6.3963

422.9975,
434.0016, 517.9828

■ 1.7801, 1.5975,
3.0149

■ 0.5057, 0.3559,
1.1022

■ 82.8418, 83.4585,
106.3506

■ 82.8418, 83.4585,
106.3506

■ 70.7887, 67.3532,
103.8772

95.0500, 100.0000,
108.9000

■ 60.2338, 53.4976,
101.7591

■ 51.1171, 41.7920,
99.9802

■ 43.3717, 32.1250,
98.5225

■ 36.9249, 24.3748,
97.3664

■ 31.6967, 18.4063,
96.4899

■ 27.5973, 14.0661,
95.8682

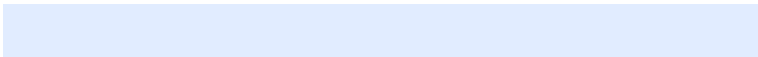
■ 24.5220, 11.1731,
95.4719

■ 22.3240, 9.4637,
95.2578

Harmonies

Analogous

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



79.7655, 83.4585, 109.7144



82.8418, 83.4585, 106.3506



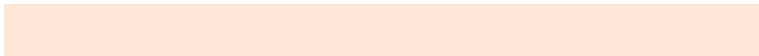
85.0197, 83.4585, 98.8391

Triad

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



82.8418, 83.4585, 106.3506



82.0599, 83.4585, 75.8510



73.3129, 83.4585, 92.1379

Complementary

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



82.8418, 83.4585, 106.3506



88.6853, 97.1213, 90.4201

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.



73.8901, 83.4585, 83.3452



82.8418, 83.4585, 106.3506



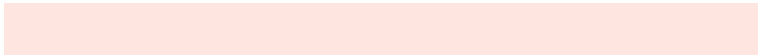
78.8857, 83.4585, 74.3209

Square

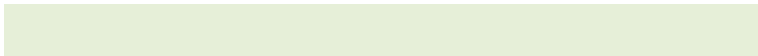
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8418, 83.4585, 106.3506



84.5598, 83.4585, 81.3021



75.9088, 83.4585, 76.9734



74.3105, 83.4585, 101.1651

Rectangle

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



82.8418, 83.4585, 106.3506



85.6385, 83.4585, 92.7123



75.9088, 83.4585, 76.9734



73.3293, 83.4585, 89.0564

Sweetspot

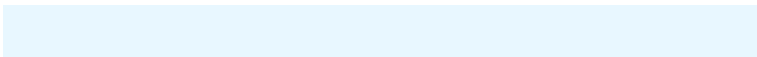
The Sweet Spot groups the original color and five complimentary colors.



82.8440, 83.4619, 106.3512



90.8459, 94.2817, 108.0178



84.6939, 91.1035, 107.7286



19.2095, 19.8609, 23.0710



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.



82.8440, 83.4619, 106.3512



80.3319, 80.0845, 105.8317



86.7522, 85.4767, 106.5341



17.5987, 17.6849, 22.7359



11.7127, 4.9486, 49.7724



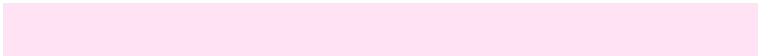
1.2529, 0.5398, 4.8514

Inverse Universe

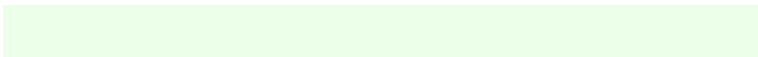
The Inverse Universe completely reimagines the original color for something new.



86.8872, 85.6920, 99.9593



85.2144, 82.7784, 98.0694



84.8646, 95.1516, 90.2413



18.5086, 18.1868, 21.2955



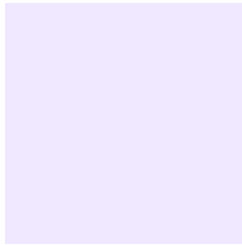
25.2340, 12.5829, 20.4145



2.5086, 1.2458, 2.2596

Previews

White Background



This preview shows how the XYZ color 82.8418, 83.4585, 106.3506 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 82.8418, 83.4585, 106.3506 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 82.8418, 83.4585, 106.3506

Background



This preview shows how black text looks on a background with the XYZ color 82.8418, 83.4585, 106.3506.



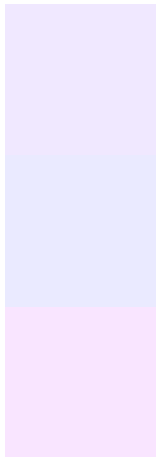
This preview shows how white text looks on a background with the XYZ color 82.8418, 83.4585,

106.3506.

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

82.8418, 83.4585, 106.3506

Protanopia

81.4045, 83.5581, 106.4456

Deuteranopia

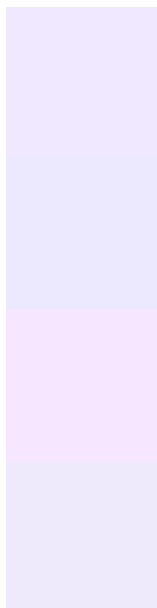
85.1362, 83.3984, 106.2181



Tritanopia

82.1481, 83.5936, 103.0723

Trichromacy



Original Color

82.8418, 83.4585, 106.3506

Protanomaly

81.7810, 83.3307, 106.3819

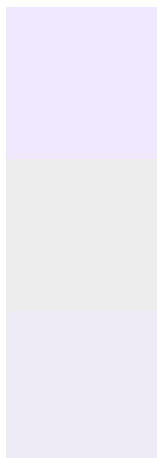
Deuteranomaly

84.3529, 83.4065, 106.2609

Tritanomaly

82.3062, 83.6568, 103.9048

Monochromacy



Original Color

82.8418, 83.4585, 106.3506

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2974, 84.1255, 97.5410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8418, 83.4585, 106.3506 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(240, 232, 255) looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 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(240, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.8418, 83.4585, 106.3506 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(240, 232, 255) }
```


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

```
.border{ border-color:rgb(240, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(240, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8418, 83.4585, 106.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 255) }
```

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

```
.background{ background-color: rgb(240,  
232, 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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