

Converting Colors

XYZ(85.8060, 85.0037,
130.5565)

Have a look what the booklet for
XYZ(85.8060, 85.0037, 130.5565)
contains.

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Color

**XYZ(81.1206, 82.9903,
106.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE9FF
RGB	234, 233, 255
RGB Percent	92%, 91%, 100%
CMY	0.0823, 0.0863, 0.0000
CMYK	0.08, 0.09, 0.00, 0.00
HSL	243°, 100%, 96%
HSV	243°, 9%, 100%
XYZ	81.1206, 82.9903, 106.3509
YIQ	235.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

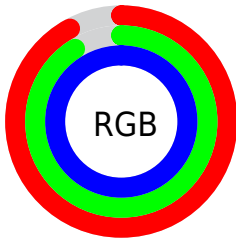
Format	Color
R _Y B	234, 233, 255
Decimal	15395327
CIE Lab	93.01, 4.41, -10.49
CIE LCh	93, 11.377, 292.794
Yxy	82.9903, 0.2999, 0.3068
Android (android.graphics.Color)	4293585407 (0xFFEAE9FF)
YUV	235.8070, 9.4621, -1.5847
Hunter-Lab	91.0990, -0.4750, -5.4471

Details

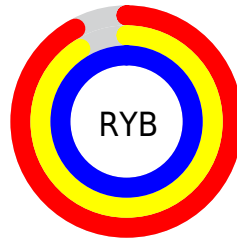
The XYZ color **81.1206, 82.9903, 106.3509** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.3431, 98.4750, 91.2882**, and the grayscale version is **79.5167, 83.6577, 91.1033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2753, 44.9865, 59.7758** is the 20% darker color. If you saturate the color by 10%, you get **66.9664, 65.7424, 103.7678**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

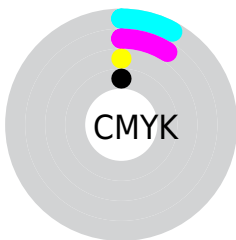
Distribution



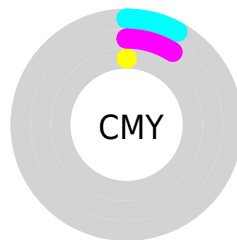
- Red (92%)
- Green (91%)
- Blue (100%)



- Red (92%)
- Yellow (91%)
- Blue (100%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1206, 82.9903, 106.3509 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 81.1206, 82.9903, 106.3509 by changing the saturation by 10% instead.

81.1206, 82.9903,
106.3509

81.1206, 82.9903,
106.3509

487.3806,
504.9542, 601.7877

60.9526, 62.1821,
80.9686

133.8824,
137.5619, 171.9855

44.4393, 45.1799,
59.9849

167.2068,
172.0941, 213.0748

31.2154, 31.5991,
42.9812

205.6474,
211.9698, 260.2369

20.9155, 21.0555,
29.5391

249.5696,
257.5733, 313.8903

13.1744, 13.1646,
19.2399

299.3386,
309.2892, 374.4535

7.6266, 7.5420,
11.6652

355.3199,

3.9067, 3.8033,

367.5017, 442.3452

6.3964

417.8787,
432.5952, 517.9837

■ 1.6495, 1.5641,
3.0149

■ 0.4243, 0.3332,
1.1023

■ 81.1206, 82.9903,
106.3509

■ 81.1206, 82.9903,
106.3509

■ 66.9664, 65.7424,
103.7678

95.0500, 100.0000,
108.9000

■ 54.8622, 51.0314,
101.5662

■ 44.7150, 38.7407,
99.7287

■ 36.4219, 28.7407,
98.2356

■ 29.8708, 20.8895,
97.0655

■ 24.9373, 15.0296,
96.1944

■ 21.4806, 10.9819,
95.5953

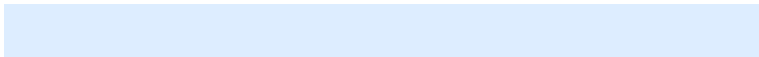
■ 19.3355, 8.5351,
95.2361

■ 18.2834, 7.3968,
95.0718

Harmonies

Analogous

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



78.1632, 82.9903, 107.6402



81.1206, 82.9903, 106.3509



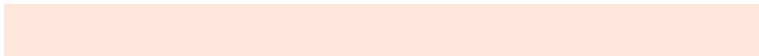
83.5321, 82.9903, 100.6529

Triad

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



81.1206, 82.9903, 106.3509



82.3956, 82.9903, 77.9122



73.3306, 82.9903, 88.3195

Complementary

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



81.1206, 82.9903, 106.3509



91.3431, 98.4750, 91.2882

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.



74.4035, 82.9903, 80.7982



81.1206, 82.9903, 106.3509



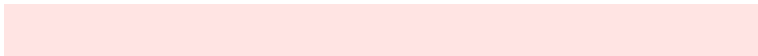
79.6007, 82.9903, 75.0399

Square

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



81.1206, 82.9903, 106.3509



84.2811, 82.9903, 84.1526



76.6806, 82.9903, 76.0623



73.7144, 82.9903, 96.8703

Rectangle

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



81.1206, 82.9903, 106.3509



84.4809, 82.9903, 95.3040



76.6806, 82.9903, 76.0623



73.5319, 82.9903, 85.5945

Sweetspot

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



81.1228, 82.9937, 106.3515



90.0218, 93.8568, 107.9793



87.1826, 95.5977, 108.4649



18.9879, 19.7467, 23.0607



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.



81.1228, 82.9937, 106.3515



79.0517, 80.4674, 105.9730



84.7546, 84.8660, 106.5215



17.0791, 17.4170, 22.7116



9.5400, 3.8285, 49.6707



0.9545, 0.3860, 4.8375

Inverse Universe

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



88.2704, 86.6969, 105.8507



87.2624, 84.7215, 105.3892



87.5240, 96.5062, 91.1095



18.7550, 18.2853, 22.5931



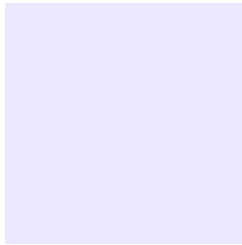
30.0529, 14.5105, 45.7905



2.9367, 1.4171, 4.5141

Previews

White Background



This preview shows how the XYZ color 81.1206, 82.9903, 106.3509 looks on a white background.

Color Contrast Check

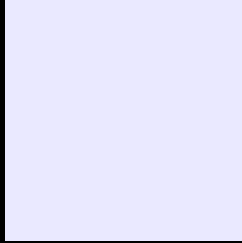
Large Text (above 18pt) WCAG AA × Fail

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 81.1206, 82.9903, 106.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

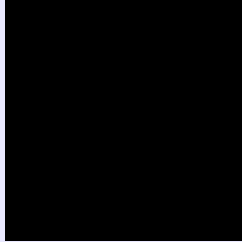
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1206, 82.9903, 106.3509

Background



This preview shows how black text looks on a background with the XYZ color 81.1206, 82.9903, 106.3509.



This preview shows how white text looks on a background with the XYZ color 81.1206, 82.9903,

106.3509.

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

81.1206, 82.9903, 106.3509

Protanopia

80.7932, 82.8215, 106.3356

Deuteranopia

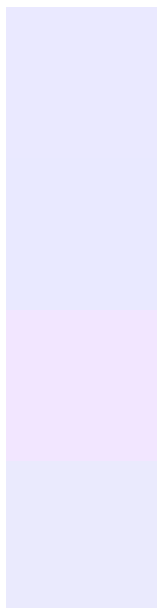
84.4271, 83.0328, 106.1849



Tritanopia

80.9252, 83.3663, 103.9216

Trichromacy



Original Color

81.1206, 82.9903, 106.3509

Protanomaly

80.7932, 82.8215, 106.3356

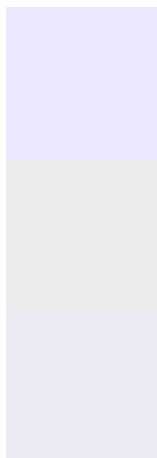
Deuteranomaly

82.9648, 82.6909, 106.1960

Tritanomaly

81.0841, 83.4299, 104.7585

Monochromacy



Original Color

81.1206, 82.9903, 106.3509

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1469, 83.5499, 96.6966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1206, 82.9903, 106.3509 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(234, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 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(234, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.1206, 82.9903, 106.3509 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(234, 233, 255) }
```


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

```
.border{ border-color:rgb(234, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1206, 82.9903, 106.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 255) }
```

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

```
.background{ background-color: rgb(234,  
233, 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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