

Converting Colors

XYZ(84.7179, 84.8426,
106.5189)

Have a look what the booklet for
XYZ(84.7179, 84.8426, 106.5189)
contains.

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Color

**XYZ(84.8451, 84.9103,
106.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E9FF
RGB	245, 233, 255
RGB Percent	96%, 91%, 100%
CMY	0.0392, 0.0863, 0.0000
CMYK	0.04, 0.09, 0.00, 0.00
HSL	273°, 100%, 96%
HSV	273°, 9%, 100%
XYZ	84.8451, 84.9103, 106.5253
YIQ	239.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

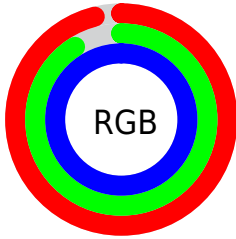
Format	Color
R _Y B	245, 233, 255
Decimal	16116223
CIE Lab	93.84, 7.96, -9.16
CIE LCh	94, 12.136, 311.002
Yxy	84.9103, 0.3071, 0.3073
Android (android.graphics.Color)	4294306303 (0xFF5E9FF)
YUV	239.0960, 7.8407, 5.1778
Hunter-Lab	92.1468, 3.0988, -4.0388

Details

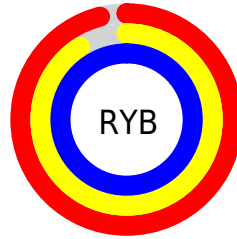
The XYZ color **84.8451, 84.9103, 106.5253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4323, 96.4589, 91.1053**, and the grayscale version is **82.0617, 86.3353, 94.0191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9014, 46.3403, 59.8987** is the 20% darker color. If you saturate the color by 10%, you get **74.2238, 69.4838, 104.1074**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

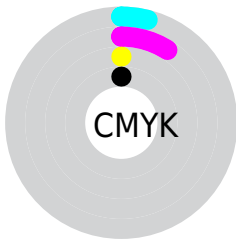
Distribution



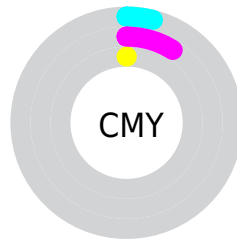
- Red (96%)
- Green (91%)
- Blue (100%)



- Red (96%)
- Yellow (91%)
- Blue (100%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8451, 84.9103, 106.5253 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 84.8451, 84.9103, 106.5253 by changing the saturation by 10% instead.


 84.8451, 84.9103,
106.5253

 84.8451, 84.9103,
106.5253


499.6068,
511.3312, 602.3413

 64.0355, 63.7673,
81.1140

139.0719,
140.2478, 172.2257

 46.9412, 46.4622,
60.1040


173.2197,
175.2111, 213.3519

 33.1969, 32.6107,
43.0766


212.5444,
215.5500, 260.5535

 22.4373, 21.8284,
29.6134

257.4112,
261.6488, 314.2491

 14.2970, 13.7309,
19.2957

308.1854,
313.8919, 374.8571

 8.4106, 7.9337,
11.7052

365.2325,

 4.4128, 4.0526,

372.6637, 442.7961

6.4232

428.9179,
438.3487, 518.4847

■ 1.9382, 1.7030,
3.0311

■ 0.5989, 0.4256,
1.1106

■ 84.8451, 84.9103,
106.5253

■ 84.8451, 84.9103,
106.5253

■ 74.2238, 69.4838,
104.1074

95.0500, 100.0000,
108.9000

■ 64.8477, 56.1791,
102.0336

■ 56.6664, 44.9019,
100.2880

■ 49.6234, 35.5463,
98.8534

■ 43.6573, 27.9967,
97.7107

■ 38.6997, 22.1244,
96.8385

■ 34.6737, 17.7832,
96.2127

■ 31.4885, 14.8003,
95.8048

■ 29.0175, 12.9304,
95.5742

Harmonies

Analogous

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



81.8948, 84.9103, 111.0199



84.8451, 84.9103, 106.5253



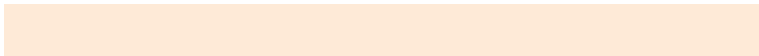
86.7159, 84.9103, 98.3604

Triad

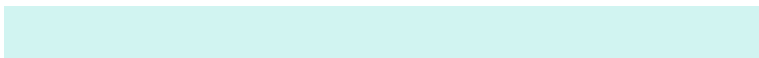
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8451, 84.9103, 106.5253



82.7419, 84.9103, 76.6455



74.7648, 84.9103, 95.8863

Complementary

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



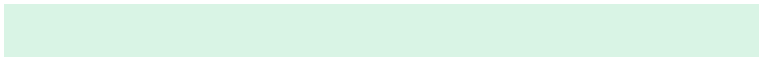
84.8451, 84.9103, 106.5253



87.4323, 96.4589, 91.1053

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.



74.9779, 84.9103, 86.7868



84.8451, 84.9103, 106.5253



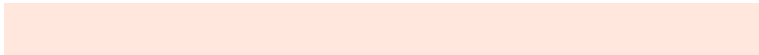
79.5262, 84.9103, 76.0807

Square

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



84.8451, 84.9103, 106.5253



85.4794, 84.9103, 81.2756



76.7012, 84.9103, 79.6778



76.1112, 84.9103, 104.6106

Rectangle

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



84.8451, 84.9103, 106.5253



87.0700, 84.9103, 92.1426



76.7012, 84.9103, 79.6778



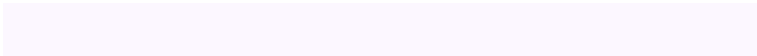
74.6574, 84.9103, 92.7639

Sweetspot

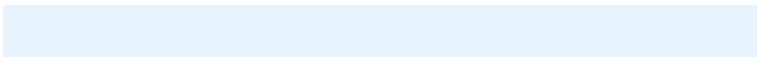
The Sweet Spot groups the original color and five complimentary colors.



84.8473, 84.9138, 106.5258



91.3901, 94.5622, 108.0433



83.7875, 88.8073, 107.3332



19.3562, 19.9365, 23.0779



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.



84.8473, 84.9138, 106.5258



83.3111, 82.6631, 106.1724



88.3127, 86.7139, 106.0730



17.9499, 17.8659, 22.7524



15.1767, 6.7343, 49.9345



1.6037, 0.7206, 4.8678

Inverse Universe

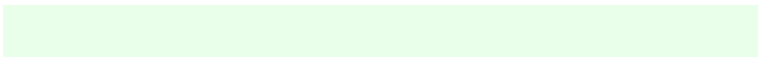
The Inverse Universe completely reimagines the original color for something new.



86.5587, 86.0123, 96.8369



85.2888, 83.9321, 94.9963



84.1799, 94.7701, 91.5010



18.3527, 18.1244, 20.4746



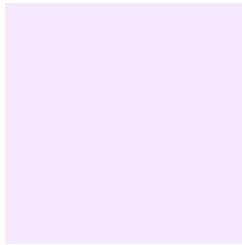
23.2666, 11.7959, 10.0542



2.3196, 1.1702, 1.2647

Previews

White Background



This preview shows how the XYZ color 84.8451, 84.9103, 106.5253 looks on a white background.

Color Contrast Check

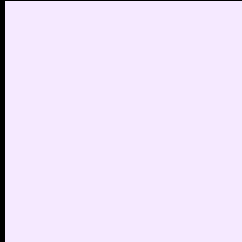
Large Text (above 18pt) WCAG AA × Fail

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 84.8451, 84.9103, 106.5253 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

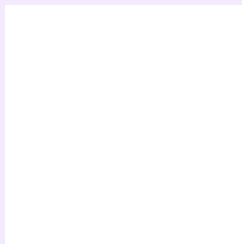
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8451, 84.9103, 106.5253

Background



This preview shows how black text looks on a background with the XYZ color 84.8451, 84.9103, 106.5253.



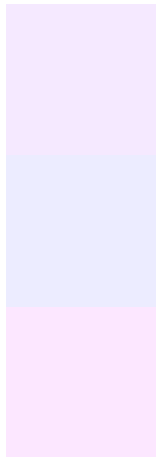
This preview shows how white text looks on a background with the XYZ color 84.8451, 84.9103,

106.5253.

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

84.8451, 84.9103, 106.5253

Protanopia

82.6375, 85.0438, 106.6674

Deuteranopia

86.7708, 85.0673, 106.4541



Tritanopia

84.6497, 85.2864, 104.0959

Trichromacy



Original Color

84.8451, 84.9103, 106.5253

Protanomaly

83.3549, 84.9874, 106.6187

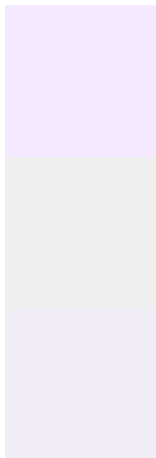
Deuteranomaly

85.9735, 85.0730, 106.4972

Tritanomaly

84.8086, 85.3500, 104.9328

Monochromacy



Original Color

84.8451, 84.9103, 106.5253

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.0412, 85.8617, 98.5824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8451, 84.9103, 106.5253 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.8451, 84.9103, 106.5253 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, 233, 255) }
```


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

```
.border{ border-color:rgb(245, 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(245, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8451, 84.9103, 106.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 255) }
```

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

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