

Converting Colors

XYZ(89.0398, 87.1792,
129.9810)

Have a look what the booklet for
XYZ(89.0398, 87.1792, 129.9810)
contains.

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Color

**XYZ(84.4350, 85.1203,
106.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAFF
RGB	243, 234, 255
RGB Percent	95%, 92%, 100%
CMY	0.0471, 0.0823, 0.0000
CMYK	0.05, 0.08, 0.00, 0.00
HSL	266°, 100%, 96%
HSV	266°, 8%, 100%
XYZ	84.4350, 85.1203, 106.5874
YIQ	239.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

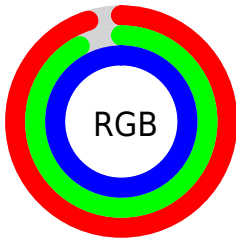
Format	Color
R_{YB}	243, 234, 255
Decimal	15985407
CIE _{Lab}	93.93, 6.80, -9.04
CIE _{LCh}	94, 11.310, 306.927
Yxy	85.1203, 0.3058, 0.3082
Android (android.graphics.Color)	4294175487 (0xFF3EAF)
YUV	239.0850, 7.8461, 3.4335
Hunter-Lab	92.2607, 1.9032, -3.9144

Details

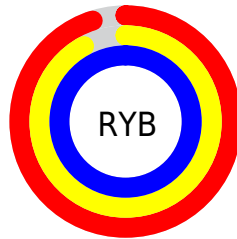
The XYZ color **84.4350, 85.1203, 106.5874** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6193, 97.0543, 91.9087**, and the grayscale version is **82.0539, 86.3271, 94.0102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6070, 46.4828, 59.9417** is the 20% darker color. If you saturate the color by 10%, you get **72.8606, 69.1429, 104.1135**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

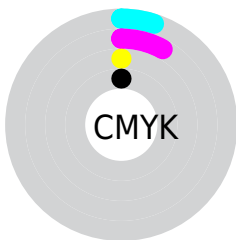
Distribution



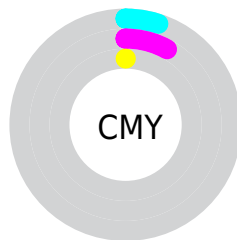
- Red (95%)
- Green (92%)
- Blue (100%)



- Red (95%)
- Yellow (92%)
- Blue (100%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4350, 85.1203, 106.5874 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 84.4350, 85.1203, 106.5874 by changing the saturation by 10% instead.

84.4350, 85.1203,
106.5874

84.4350, 85.1203,
106.5874

498.2685,
512.0261, 602.5384

63.6956, 63.9408,
81.1658

138.5016,
140.5412, 172.3113

46.6649, 46.6027,
60.1464

172.5595,
175.5515, 213.4506

32.9777, 32.7217,
43.1105

211.7876,
215.9407, 260.6663

22.2685, 21.9133,
29.6398

256.5513,
262.0934, 314.3768

14.1720, 13.7932,
19.3156

307.2158,
314.3938, 375.0008

8.3229, 7.9770,
11.7195

364.1467,

4.3558, 4.0802,

373.2265, 442.9566

6.4327

427.7091,
438.9758, 518.6630

■ 1.9053, 1.7185,
3.0369

■ 0.5799, 0.4356,
1.1135

■ 84.4350, 85.1203,
106.5874

■ 84.4350, 85.1203,
106.5874

■ 72.8606, 69.1429,
104.1135

95.0500, 100.0000,
108.9000

■ 62.6743, 55.3638,
101.9907

■ 53.8212, 43.6863,
100.2034

■ 46.2400, 34.0024,
98.7338

■ 39.8638, 26.1940,
97.5626

■ 34.6192, 20.1303,
96.6686

■ 30.4236, 15.6627,
96.0275

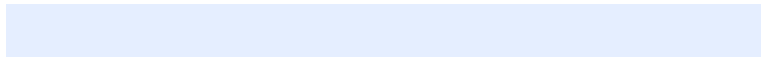
■ 27.1807, 12.6164,
95.6104

■ 24.7616, 10.7525,
95.3781

Harmonies

Analogous

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



81.6050, 85.1203, 110.1467



84.4350, 85.1203, 106.5874



86.3520, 85.1203, 99.3370

Triad

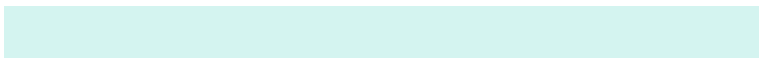
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4350, 85.1203, 106.5874



83.1960, 85.1203, 78.2400



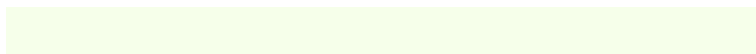
75.2885, 85.1203, 94.6970

Complementary

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



84.4350, 85.1203, 106.5874



88.6193, 97.0543, 91.9087

Split Complementary

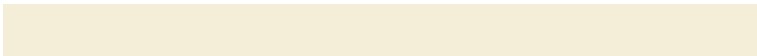
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6907, 85.1203, 86.3302



84.4350, 85.1203, 106.5874



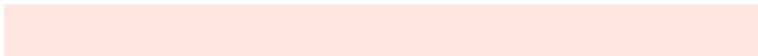
80.2076, 85.1203, 77.1677

Square

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



84.4350, 85.1203, 106.5874



85.6243, 85.1203, 83.0666



77.4734, 85.1203, 80.0410



76.3610, 85.1203, 103.0112

Rectangle

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



84.4350, 85.1203, 106.5874



86.8282, 85.1203, 93.5738



77.4734, 85.1203, 80.0410



75.2562, 85.1203, 91.7950

Sweetspot

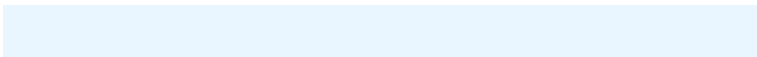
The Sweet Spot groups the original color and five complimentary colors.



84.4372, 85.1238, 106.5880



92.3804, 96.2405, 108.3150



85.0161, 90.7785, 107.6489



19.8012, 20.6388, 23.1900



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.



84.4372, 85.1238, 106.5880



82.2883, 82.1359, 106.1245



88.0736, 86.9985, 106.7581



17.7411, 17.7583, 22.7426



12.9072, 5.5644, 49.8283



1.3788, 0.6047, 4.8573

Inverse Universe

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



87.2995, 86.7628, 99.3373



85.7381, 84.1118, 97.3622



85.1229, 95.2518, 91.7450



18.4444, 18.1611, 20.9575



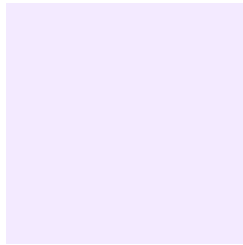
24.3251, 12.2193, 15.6281



2.4232, 1.2117, 1.8100

Previews

White Background



This preview shows how the XYZ color 84.4350, 85.1203, 106.5874 looks on a white background.

Color Contrast Check

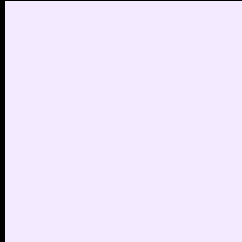
Large Text (above 18pt) WCAG AA × Fail

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 84.4350, 85.1203, 106.5874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

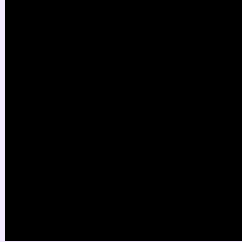
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4350, 85.1203, 106.5874

Background



This preview shows how black text looks on a background with the XYZ color 84.4350, 85.1203, 106.5874.



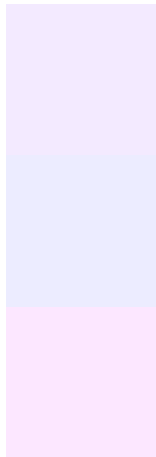
This preview shows how white text looks on a background with the XYZ color 84.4350, 85.1203,

106.5874.

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

84.4350, 85.1203, 106.5874

Protanopia

82.6375, 85.0438, 106.6674

Deuteranopia

86.7708, 85.0673, 106.4541



Tritanopia

84.1146, 84.9922, 104.9003

Trichromacy



Original Color

84.4350, 85.1203, 106.5874

Protanomaly

83.3549, 84.9874, 106.6187

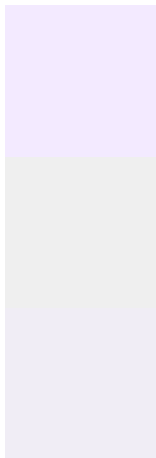
Deuteranomaly

85.9735, 85.0730, 106.4972

Tritanomaly

84.2744, 85.0561, 105.7417

Monochromacy



Original Color

84.4350, 85.1203, 106.5874

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7008, 85.6862, 98.5665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4350, 85.1203, 106.5874 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(243, 234, 255) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 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(243, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.4350, 85.1203, 106.5874 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(243, 234, 255) }
```


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

```
.border{ border-color:rgb(243, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4350, 85.1203, 106.5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 255) }
```

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

```
.background{ background-color: rgb(243,  
234, 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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