

Converting Colors

XYZ(85.1194, 83.2642,
106.1865)

Have a look what the booklet for
XYZ(85.1194, 83.2642, 106.1865)
contains.

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Color

**XYZ(85.1362, 83.3984,
106.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E5FF
RGB	249, 229, 255
RGB Percent	98%, 90%, 100%
CMY	0.0235, 0.1019, 0.0000
CMYK	0.02, 0.10, 0.00, 0.00
HSL	286°, 100%, 95%
HSV	286°, 10%, 100%
XYZ	85.1362, 83.3984, 106.2181
YIQ	237.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

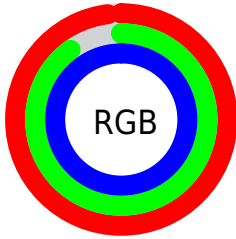
Format	Color
R _Y B	249, 229, 255
Decimal	16377343
CIE _{Lab}	93.19, 11.34, -10.10
CIE _{LCh}	93, 15.184, 318.312
Y _{xy}	83.3984, 0.3099, 0.3035
Android (android.graphics.Color)	4294567423 (0xFFFF9E5FF)
Y _{UV}	237.9440, 8.4086, 9.6961
Hunter-Lab	91.3227, 6.5930, -5.0347

Details

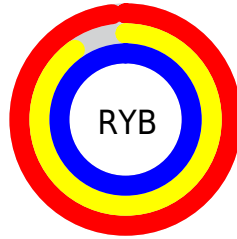
The XYZ color **85.1362, 83.3984, 106.2181** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1660, 94.8404, 88.0030**, and the grayscale version is **81.1618, 85.3885, 92.9881**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3214, 45.6868, 59.7504** is the 20% darker color. If you saturate the color by 10%, you get **76.5282, 69.2467, 103.9402**, and if you desaturate by 10%, it is **94.8506, 99.6635, 108.8456**.

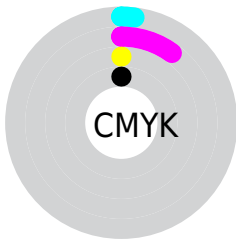
Distribution



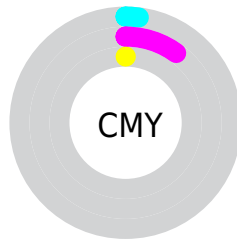
- Red (98%)
- Green (90%)
- Blue (100%)



- Red (98%)
- Yellow (90%)
- Blue (100%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1362, 83.3984, 106.2181 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 85.1362, 83.3984, 106.2181 by changing the saturation by 10% instead.

85.1362, 83.3984,
106.2181

85.1362, 83.3984,
106.2181

500.5555,
506.3133, 601.3659

64.2768, 62.5189,
80.8579

139.4765,
138.1333, 171.8025

47.1374, 45.4521,
59.8942

173.6881,
172.7575, 212.8637

33.3527, 31.8137,
42.9087

213.0812,
212.7320, 259.9957

22.5573, 21.2192,
29.4826

258.0210,
258.4412, 313.6170

14.3859, 13.2843,
19.1975

308.8730,
310.2696, 374.1461

8.4730, 7.6246,
11.6348

366.0025,

4.4534, 3.8557,

368.6014, 442.0016

6.3760

429.7749,
433.8212, 517.6020

■ 1.9617, 1.5932,
3.0026

■ 0.6123, 0.3530,
1.0960

■ 85.1362, 83.3984,
106.2181

■ 85.1362, 83.3984,
106.2181

■ 76.5282, 69.2467,
103.9402

94.8506, 99.6635,
108.8456

■ 68.9744, 57.1077,
101.9953

95.0500, 100.0000,
108.9000

■ 62.4281, 46.8880,
100.3677

■ 56.8363, 38.4825,
99.0400

■ 52.1410, 31.7760,
97.9930

■ 48.2775, 26.6400,
97.2053

■ 45.1716, 22.9272,
96.6523

■ 42.7349, 20.4618,
96.3049

■ 40.8555, 18.9767,
96.1173

Harmonies

Analogous

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



81.7027, 83.3984, 113.3047



85.1362, 83.3984, 106.2181



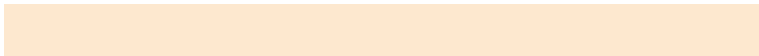
87.0206, 83.3984, 95.3312

Triad

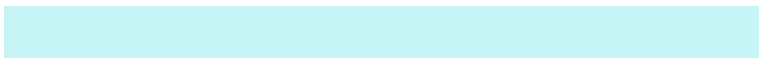
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1362, 83.3984, 106.2181



80.8322, 83.3984, 70.9445



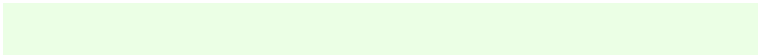
72.2048, 83.3984, 97.8865

Complementary

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



85.1362, 83.3984, 106.2181



84.1660, 94.8404, 88.0030

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.



71.9895, 83.3984, 86.4276



85.1362, 83.3984, 106.2181



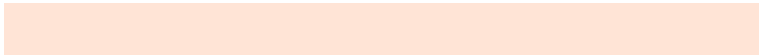
76.8815, 83.3984, 71.5033

Square

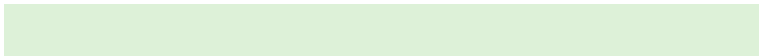
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1362, 83.3984, 106.2181



84.4806, 83.3984, 75.3667



73.6752, 83.3984, 76.9631



74.2738, 83.3984, 108.2234

Rectangle

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



85.1362, 83.3984, 106.2181



87.1042, 83.3984, 87.6673



73.6752, 83.3984, 76.9631



71.9159, 83.3984, 94.0201

Sweetspot

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



85.1384, 83.4019, 106.2186



92.0114, 94.8825, 108.0724



80.0937, 83.3364, 106.4719



19.5241, 20.0231, 23.0858



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.



85.1384, 83.4019, 106.2186



83.5030, 80.6918, 105.7817



86.2148, 84.0834, 100.5482



18.3587, 18.0767, 22.7715



21.4851, 9.9865, 50.2298



2.1868, 1.0213, 4.8951

Inverse Universe

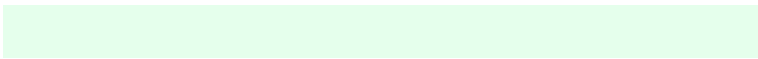
The Inverse Universe completely reimagines the original color for something new.



84.2569, 83.3003, 90.2382



82.4923, 80.5822, 87.1494



83.2062, 94.2315, 93.1124



18.1811, 18.0557, 19.5707



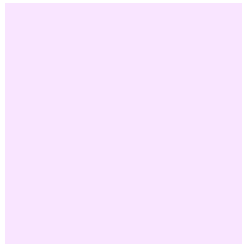
22.0059, 11.2917, 3.4157



2.1823, 1.1153, 0.5415

Previews

White Background



This preview shows how the XYZ color 85.1362, 83.3984, 106.2181 looks on a white background.

Color Contrast Check

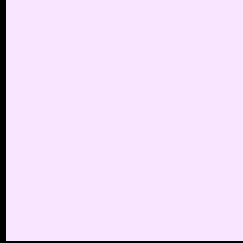
Large Text (above 18pt) WCAG AA × Fail

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 85.1362, 83.3984, 106.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

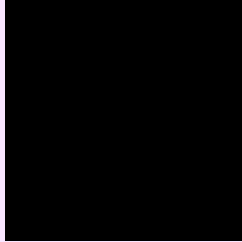
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1362, 83.3984, 106.2181

Background



This preview shows how black text looks on a background with the XYZ color 85.1362, 83.3984, 106.2181.



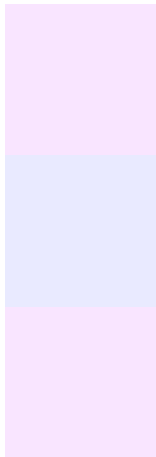
This preview shows how white text looks on a background with the XYZ color 85.1362, 83.3984,

106.2181.

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

85.1362, 83.3984, 106.2181

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

85.1362, 83.3984, 106.2181



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

85.1362, 83.3984, 106.2181

Protanomaly

82.5032, 83.2839, 106.3348

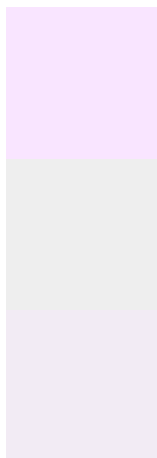
Deuteranomaly

85.1362, 83.3984, 106.2181

Tritanomaly

84.4208, 83.5151, 102.9374

Monochromacy



Original Color

85.1362, 83.3984, 106.2181

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.6554, 84.8256, 97.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1362, 83.3984, 106.2181 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(249, 229, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 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(249, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.1362, 83.3984, 106.2181 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(249, 229, 255) }
```


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

```
.border{ border-color:rgb(249, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1362, 83.3984, 106.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 255) }
```

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

```
.background{ background-color: rgb(249,  
229, 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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