

Converting Colors

XYZ(85.7895, 85.2715, 98.0939)

Have a look what the booklet for
XYZ(85.7895, 85.2715, 98.0939)
contains.

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Color

**XYZ(85.8461, 85.1884,
98.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE8F5
RGB	253, 232, 245
RGB Percent	99%, 91%, 96%
CMY	0.0078, 0.0902, 0.0392
CMYK	0.00, 0.08, 0.03, 0.01
HSL	323°, 84%, 95%
HSV	323°, 8%, 99%
XYZ	85.8461, 85.1884, 98.3046
YIQ	239.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

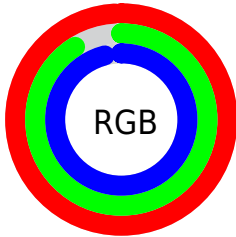
Format	Color
R_{YB}	253, 232, 245
Decimal	16640245
CIE _{Lab}	93.96, 9.33, -3.71
CIE _{LCh}	94, 10.041, 338.331
Yxy	85.1884, 0.3187, 0.3163
Android (android.graphics.Color)	4294830325 (0xFFFDE8F5)
YUV	239.7610, 2.5828, 11.6106
Hunter-Lab	92.2976, 4.5024, 1.4595

Details

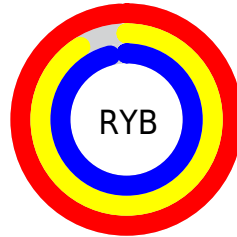
The XYZ color **85.8461, 85.1884, 98.3046** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1355, 93.7001, 96.0942**, and the grayscale version is **82.6155, 86.9180, 94.6537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4756, 46.4606, 54.6097** is the 20% darker color. If you saturate the color by 10%, you get **77.7979, 71.3852, 88.5495**, and if you desaturate by 10%, it is **94.2610, 99.5999, 108.5623**.

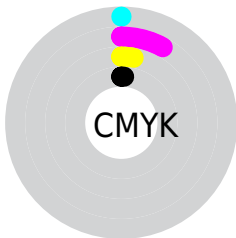
Distribution



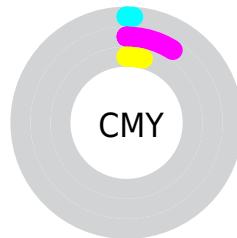
- Red (99%)
- Green (91%)
- Blue (96%)



- Red (99%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8461, 85.1884, 98.3046 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 85.8461, 85.1884, 98.3046 by changing the saturation by 10% instead.


 85.8461, 85.1884,
98.3046

 85.8461, 85.1884,
98.3046


502.8652,
512.2513, 575.9435

 64.8656, 63.9971,
74.2764


140.4626,
140.6364, 160.8569

 47.6164, 46.6483,
54.5222


174.8294,
175.6618, 200.2180

 33.7332, 32.7577,
38.6233


214.3888,
216.0674, 245.5273

 22.8506, 21.9409,
26.1612

259.5064,
262.2375, 297.2031

 14.6033, 13.8135,
16.7174

310.5475,
314.5565, 355.6641

 8.6260, 7.9911,
9.8734

367.8774,

 4.5532, 4.0892,

373.4089, 421.3288

5.2106

431.8616,
439.1790, 494.6157

■ 2.0196, 1.7236,
2.3105

■ 0.6449, 0.4389,
0.7371

■ 85.8461, 85.1884,
98.3046

■ 85.8461, 85.1884,
98.3046

■ 77.7979, 71.3852,
88.5495

94.2610, 99.5999,
108.5623

■ 70.8043, 59.5715,
79.5176

94.3186, 99.6230,
108.8658

■ 64.8199, 49.6573,
71.1889

■ 59.7930, 41.5409,
63.5402

■ 55.6670, 35.1113,
56.5466

■ 52.3791, 30.2450,
50.1807

■ 49.8580, 26.8014,
44.4125

■ 48.0196, 24.6143,
39.2070

■ 46.7475, 23.4533,
34.5189

Harmonies

Analogous

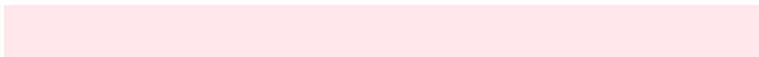
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2027, 85.1884, 104.8035



85.8461, 85.1884, 98.3046



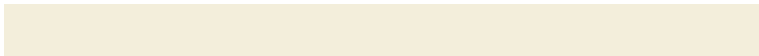
86.1682, 85.1884, 90.6367

Triad

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



85.8461, 85.1884, 98.3046



80.2257, 85.1884, 78.9244



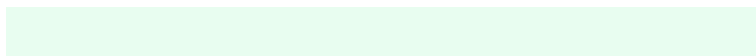
76.9990, 85.1884, 102.1995

Complementary

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



85.8461, 85.1884, 98.3046



84.1355, 93.7001, 96.0942

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.



75.9833, 85.1884, 94.9075



85.8461, 85.1884, 98.3046



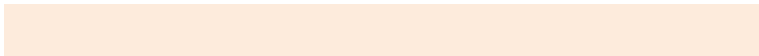
77.8192, 85.1884, 81.6685

Square

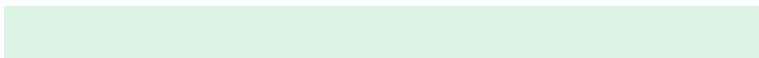
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



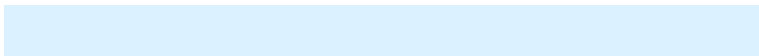
85.8461, 85.1884, 98.3046



82.8840, 85.1884, 79.7226



76.2802, 85.1884, 87.4196



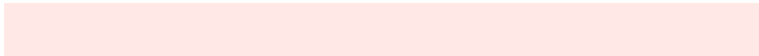
79.0837, 85.1884, 107.1370

Rectangle

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



85.8461, 85.1884, 98.3046



85.5836, 85.1884, 85.9360



76.2802, 85.1884, 87.4196



76.5234, 85.1884, 99.9269

Sweetspot

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



85.8485, 85.1921, 98.3064



93.1332, 96.6645, 106.7254



82.4230, 83.2820, 104.6608



19.9544, 20.7251, 22.8665



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

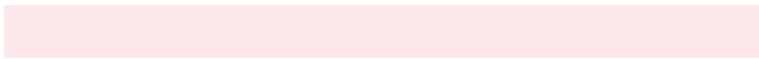
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8485, 85.1921, 98.3064



85.9226, 84.1856, 98.3342



84.3341, 84.5863, 90.3317



18.4821, 18.1761, 21.1558



24.8413, 12.4258, 18.3464



2.4720, 1.2312, 2.0669

Inverse Universe

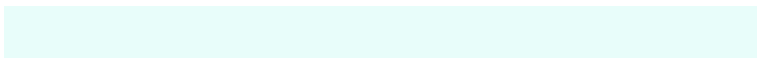
The Inverse Universe completely reimagines the original color for something new.



85.8485, 85.1921, 98.3064



85.9226, 84.1856, 98.3342



85.6935, 94.3233, 104.2985



18.4821, 18.1761, 21.1558



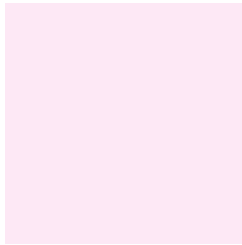
24.8413, 12.4258, 18.3464



2.4720, 1.2312, 2.0669

Previews

White Background



This preview shows how the XYZ color 85.8461, 85.1884, 98.3046 looks on a white background.

Color Contrast Check

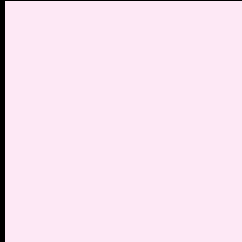
Large Text (above 18pt) WCAG AA × Fail

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 85.8461, 85.1884, 98.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

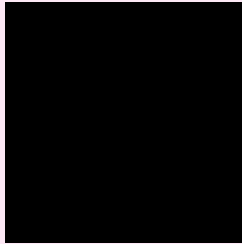
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8461, 85.1884, 98.3046

Background



This preview shows how black text looks on a background with the XYZ color 85.8461, 85.1884, 98.3046.



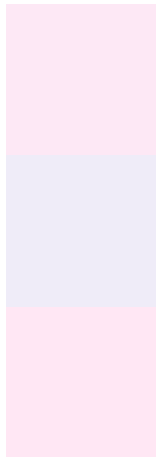
This preview shows how white text looks on a background with the XYZ color 85.8461, 85.1884,

98.346.

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

85.8461, 85.1884, 98.3046

Protanopia

82.5353, 85.1189, 100.8865

Deuteranopia

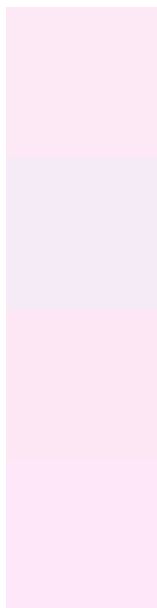
86.1450, 84.9435, 97.4433



Tritanopia

86.5478, 85.0622, 101.4796

Trichromacy



Original Color

85.8461, 85.1884, 98.3046

Protanomaly

83.8051, 85.3652, 100.0558

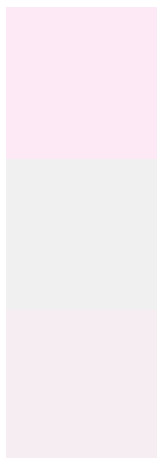
Deuteranomaly

85.7781, 84.7543, 97.4262

Tritanomaly

86.3922, 85.0000, 100.6602

Monochromacy



Original Color

85.8461, 85.1884, 98.3046

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.9674, 86.3917, 96.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8461, 85.1884, 98.3046 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(253, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 245)  
}
```

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(253, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.8461, 85.1884, 98.3046 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(253, 232, 245) }
```


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

```
.border{ border-color:rgb(253, 232, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8461, 85.1884, 98.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 245) }
```

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

```
.background{ background-color: rgb(253,  
232, 245) }
```

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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