

Converting Colors

XYZ(85.8668, 83.6637,
104.2796)

Have a look what the booklet for
XYZ(85.8668, 83.6637, 104.2796)
contains.

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Color

**XYZ(85.8938, 83.8259,
104.5814)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FCE5FD |
| RGB | 252, 229, 253 |
| RGB Percent | 99%, 90%, 99% |
| CMY | 0.0118, 0.1019, 0.0078 |
| CMYK | 0.00, 0.09, 0.00, 0.01 |
| HSL | 298°, 86%, 95% |
| HSV | 298°, 9%, 99% |
| XYZ | 85.8938, 83.8259, 104.5814 |
| YIQ | 238.6130, 6.0040, 12.3400 |

Conversions

Conversions Part 2

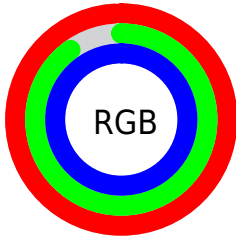
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 252, 229, 253 |
| Decimal | 16573949 |
| CIE Lab | 93.37, 11.96, -8.75 |
| CIE LCh | 93, 14.823, 323.804 |
| Yxy | 83.8259, 0.3131, 0.3056 |
| Android (android.graphics.Color) | 4294764029 (0xFFFC E5FD) |
| YUV | 238.6130, 7.0928, 11.7404 |
| Hunter-Lab | 91.5565, 7.2361, -3.6351 |

Details

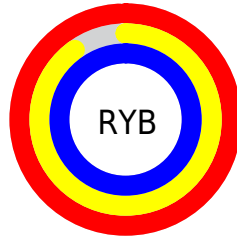
The XYZ color **85.8938, 83.8259, 104.5814** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9043, 92.7329, 87.7154**, and the grayscale version is **81.6887, 85.9429, 93.5918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6055, 45.8597, 58.5673** is the 20% darker color. If you saturate the color by 10%, you get **79.0176, 70.6373, 102.3994**, and if you desaturate by 10%, it is **93.7972, 99.0630, 107.1072**.

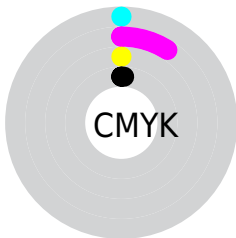
Distribution



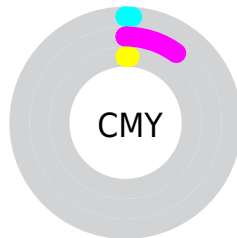
- Red (99%)
- Green (90%)
- Blue (99%)



- Red (99%)
- Yellow (90%)
- Blue (99%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8938, 83.8259, 104.5814 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 85.8938, 83.8259, 104.5814 by changing the saturation by 10% instead.

85.8938, 83.8259,
104.5814

85.8938, 83.8259,
104.5814

503.0202,
507.7349, 596.1550

64.9051, 62.8717,
79.4940

140.5289,
138.7316, 169.5455

47.6486, 45.7374,
58.7783

174.9060,
173.4519, 210.2594

33.7588, 32.0387,
42.0159

214.4766,
213.5297, 257.0191

22.8703, 21.3910,
28.7881

259.6062,
259.3494, 310.2432

14.6180, 13.4101,
18.6764

310.6599,
311.2954, 370.3504

8.6363, 7.7116,
11.2622

368.0033,

4.5599, 3.9109,

369.7520, 437.7590

6.1271

432.0016,
435.1037, 512.8877

■ 2.0235, 1.6239,
2.8525

■ 0.6471, 0.3736,
1.0198

■ 85.8938, 83.8259,
104.5814

■ 85.8938, 83.8259,
104.5814

■ 79.0176, 70.6373,
102.3994

■ 93.7972, 99.0630,
107.1072

■ 73.1172, 59.3986,
100.5411

■ 94.4032, 99.7035,
107.1988

■ 68.1480, 50.0191,
98.9926

■ 94.7299, 99.8719,
107.2141

■ 64.0589, 42.3967,
97.7368

■ 60.7940, 36.4195,
96.7552

■ 58.2908, 31.9628,
96.0269

■ 56.4783, 28.8841,
95.5282

■ 55.2714, 27.0138,
95.2308

■ 54.5388, 26.0887,
95.0908

Harmonies

Analogous

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



82.7458, 83.8259, 112.4138



85.8938, 83.8259, 104.5814



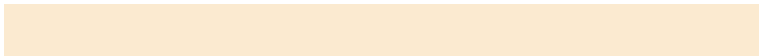
87.3811, 83.8259, 93.6149

Triad

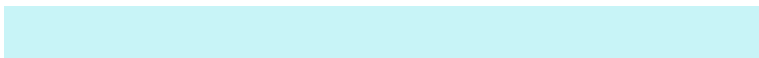
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8938, 83.8259, 104.5814



80.4879, 83.8259, 71.5039



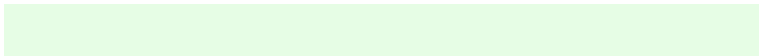
72.9942, 83.8259, 100.2372

Complementary

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



85.8938, 83.8259, 104.5814



81.9043, 92.7329, 87.7154

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.



72.4340, 83.8259, 88.9688



85.8938, 83.8259, 104.5814



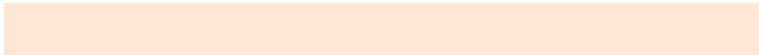
76.6792, 83.8259, 72.9627

Square

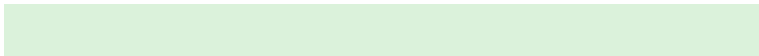
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8938, 83.8259, 104.5814



84.1949, 83.8259, 74.9820



73.7620, 83.8259, 79.1429



75.3179, 83.8259, 109.7658

Rectangle

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



85.8938, 83.8259, 104.5814



87.1971, 83.8259, 86.2326



73.7620, 83.8259, 79.1429



72.5966, 83.8259, 96.5043

Sweetspot

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



85.8962, 83.8295, 104.5832



92.5407, 95.1554, 108.0972



78.3989, 80.4590, 104.3278



19.6675, 20.0970, 23.0925



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.



85.8962, 83.8295, 104.5832



86.3167, 83.1698, 106.1117



84.5870, 83.3478, 95.7942



18.7134, 18.2595, 22.7881



29.0270, 13.8744, 50.5827



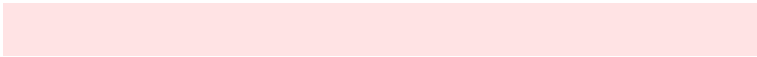
2.8486, 1.3624, 4.9261

Inverse Universe

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



82.8132, 82.6382, 86.4531



82.7155, 81.7789, 84.9105



83.1397, 93.1901, 95.8909



18.0400, 17.9993, 18.8280



21.5924, 11.1263, 1.2384



2.1127, 1.0874, 0.1748

Previews

White Background



This preview shows how the XYZ color 85.8938, 83.8259, 104.5814 looks on a white background.

Color Contrast Check

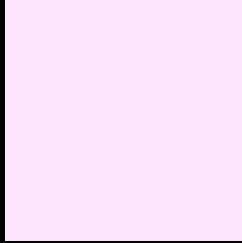
Large Text (above 18pt) WCAG AA × Fail

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 85.8938, 83.8259, 104.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

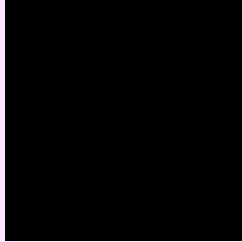
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

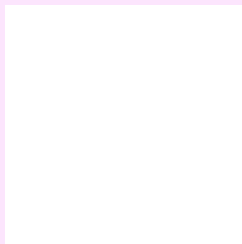
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8938, 83.8259, 104.5814

Background



This preview shows how black text looks on a background with the XYZ color 85.8938, 83.8259, 104.5814.



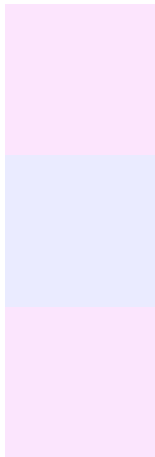
This preview shows how white text looks on a background with the XYZ color 85.8938, 83.8259,

104.5814.

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

85.8938, 83.8259, 104.5814

Protanopia

81.6900, 84.1291, 106.5408

Deuteranopia

85.5326, 83.6397, 104.5645



Tritanopia

85.0238, 83.8802, 100.5162

Trichromacy



Original Color

85.8938, 83.8259, 104.5814

Protanomaly

83.3039, 84.1344, 105.6149

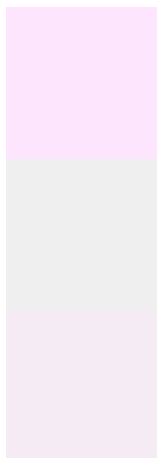
Deuteranomaly

85.5326, 83.6397, 104.5645

Tritanomaly

85.3358, 84.0050, 102.1594

Monochromacy



Original Color

85.8938, 83.8259, 104.5814

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.3457, 85.1814, 97.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8938, 83.8259, 104.5814 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(252, 229, 253)` looks like.

```
.text, #text, p{  
    color:rgb(252, 229, 253)  
}
```

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(252, 229, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 253) }
```

Border

The CSS property to change the border of an element to XYZ 85.8938, 83.8259, 104.5814 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(252, 229, 253) }
```


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

```
.border{ border-color:rgb(252, 229, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 229, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 253);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8938, 83.8259, 104.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 253) }
```

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

```
.background{ background-color: rgb(252,  
229, 253) }
```

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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