

Converting Colors

XYZ(83.0110, 85.0833, 94.4109)

Have a look what the booklet for
XYZ(83.0110, 85.0833, 94.4109)
contains.

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Color

**XYZ(83.0927, 85.1204,
94.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EBF0
RGB	245, 235, 240
RGB Percent	96%, 92%, 94%
CMY	0.0392, 0.0784, 0.0588
CMYK	0.00, 0.04, 0.02, 0.04
HSL	330°, 33%, 94%
HSV	330°, 4%, 96%
XYZ	83.0927, 85.1204, 94.4885
YIQ	238.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

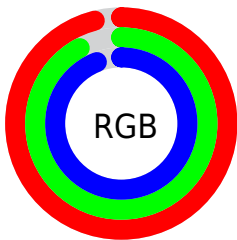
Format	Color
R _Y B	245, 235, 240
Decimal	16116720
CIE Lab	93.93, 4.23, -1.22
CIE LCh	94, 4.408, 343.880
Yxy	85.1204, 0.3163, 0.3240
Android (android.graphics.Color)	4294306800 (0xFF5EBF0)
YUV	238.5600, 0.7099, 5.6479
Hunter-Lab	92.2607, -0.6939, 3.8609

Details

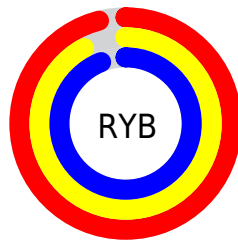
The XYZ color **83.0927, 85.1204, 94.4885** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6447, 89.2605, 95.3156**, and the grayscale version is **81.6965, 85.9511, 93.6007**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7581, 46.5197, 51.9149** is the 20% darker color. If you saturate the color by 10%, you get **74.7968, 71.3434, 83.0429**, and if you desaturate by 10%, it is **91.0281, 97.9773, 106.4227**.

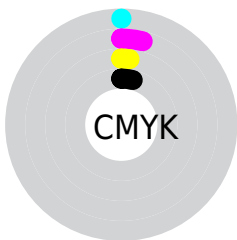
Distribution



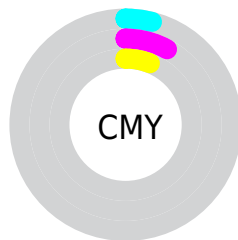
- Red (96%)
- Green (92%)
- Blue (94%)



- Red (96%)
- Yellow (92%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0927, 85.1204, 94.4885 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 83.0927, 85.1204, 94.4885 by changing the saturation by 10% instead.


 83.0927, 85.1204,
94.4885

 83.0927, 85.1204,
94.4885


493.8747,
512.0264, 563.4686

 62.5838, 63.9409,
71.1148


136.6331,
140.5414, 155.5473

 45.7620, 46.6028,
51.9535


170.3954,
175.5516, 194.0694

 32.2619, 32.7218,
36.5860


209.3061,
215.9409, 238.4781

 21.7181, 21.9134,
24.5938

253.7307,
262.0936, 289.1918

 13.7654, 13.7933,
15.5585

304.0345,
314.3941, 346.6292

 8.0383, 7.9770,
9.0613

360.5829,

 4.1714, 4.0802,

373.2268, 411.2088

4.6838

423.7411,
438.9761, 483.3491

■ 1.7996, 1.7186,
2.0075

■ 0.5174, 0.4356,
0.5599

■ 83.0927, 85.1204,
94.4885

■ 83.0927, 85.1204,
94.4885

■ 74.7968, 71.3434,
83.0429

■ 91.0281, 97.9773,
106.4227

■ 67.5458, 59.4645,
72.5394

■ 91.4667, 98.1528,
108.7323

■ 61.2978, 49.4025,
62.9527

■ 56.0050, 41.0663,
54.2543

■ 51.6158, 34.3565,
46.4139

■ 48.0731, 29.1635,
39.3989

■ 45.3131, 25.3642,
33.1739

■ 43.2620, 22.8159,
27.6997

■ 41.8302, 21.3444,
22.9310

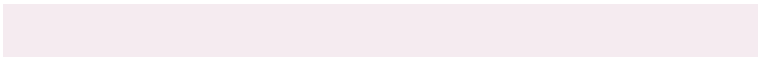
Harmonies

Analogous

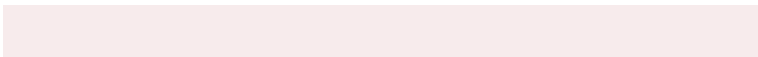
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4794, 85.1204, 97.4207



83.0927, 85.1204, 94.4885



83.1160, 85.1204, 91.1393

Triad

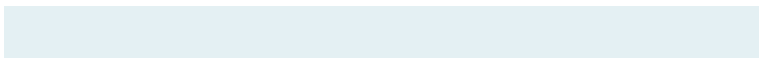
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0927, 85.1204, 94.4885



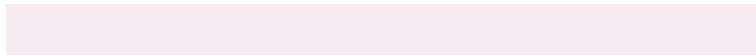
80.3640, 85.1204, 86.5454



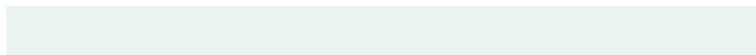
79.2880, 85.1204, 97.2360

Complementary

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



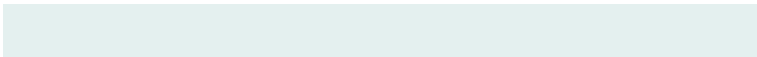
83.0927, 85.1204, 94.4885



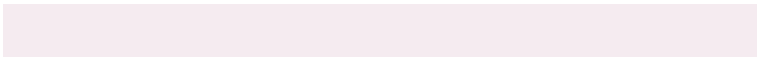
82.6447, 89.2605, 95.3156

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.



78.7324, 85.1204, 94.2413



83.0927, 85.1204, 94.4885



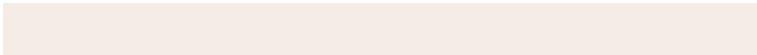
79.3496, 85.1204, 88.0989

Square

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



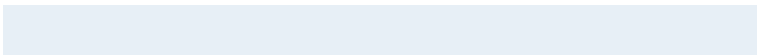
83.0927, 85.1204, 94.4885



81.5329, 85.1204, 86.6079



78.7548, 85.1204, 90.8980



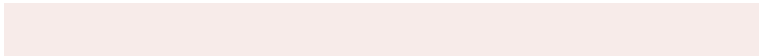
80.2792, 85.1204, 99.0329

Rectangle

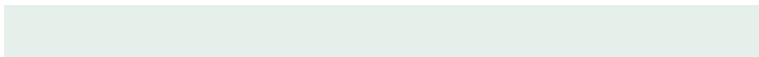
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



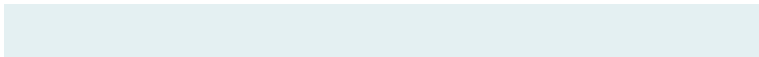
83.0927, 85.1204, 94.4885



82.7932, 85.1204, 89.1238



78.7548, 85.1204, 90.8980



79.0445, 85.1204, 96.3329

Sweetspot

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



83.0951, 85.1241, 94.4903



94.0372, 98.3019, 107.5526



82.1281, 84.5385, 98.3764



20.1385, 21.0585, 23.0349



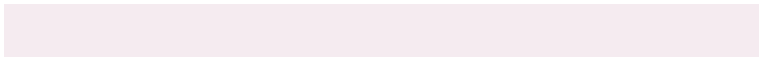
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

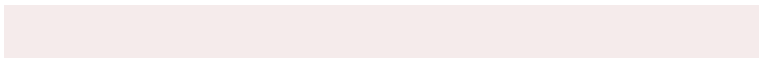
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0951, 85.1241, 94.4903



90.1066, 91.7292, 102.2704



82.3629, 84.8312, 90.6347



17.5333, 17.7664, 19.8719



22.2636, 11.2489, 11.3624



2.0086, 1.0094, 1.2718

Inverse Universe

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



83.0951, 85.1241, 94.4903



90.1066, 91.7292, 102.2704



83.3974, 89.5616, 99.2790



17.5333, 17.7664, 19.8719



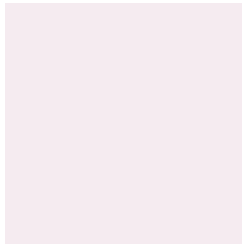
22.2636, 11.2489, 11.3624



2.0086, 1.0094, 1.2718

Previews

White Background



This preview shows how the XYZ color 83.0927, 85.1204, 94.4885 looks on a white background.

Color Contrast Check

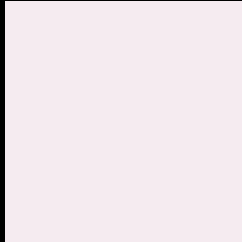
Large Text (above 18pt) WCAG AA × Fail

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 83.0927, 85.1204, 94.4885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

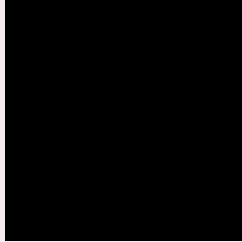
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

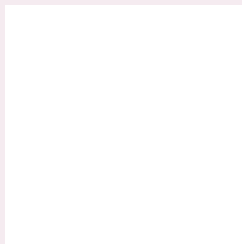
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0927, 85.1204, 94.4885

Background



This preview shows how black text looks on a background with the XYZ color 83.0927, 85.1204, 94.4885.



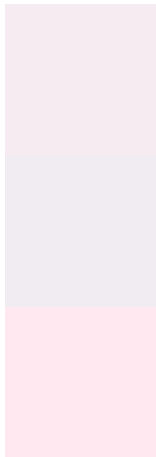
This preview shows how white text looks on a background with the XYZ color 83.0927, 85.1204,

94.4885.

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

83.0927, 85.1204, 94.4885

Protanopia

82.1483, 85.0426, 95.3043

Deuteranopia

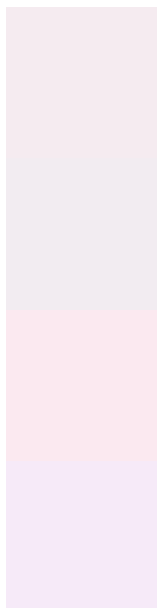
85.8248, 85.2645, 94.3723



Tritanopia

85.0674, 85.0803, 104.0341

Trichromacy



Original Color

83.0927, 85.1204, 94.4885

Protanomaly

82.4906, 85.2190, 95.3203

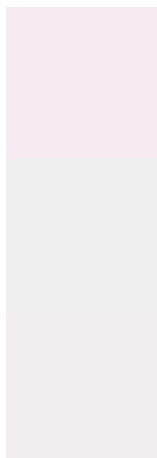
Deuteranomaly

84.6508, 85.0783, 94.3983

Tritanomaly

84.3721, 85.2158, 100.8083

Monochromacy



Original Color

83.0927, 85.1204, 94.4885

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.4302, 86.0818, 93.9323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0927, 85.1204, 94.4885 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, 235, 240) looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 240)  
}
```

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, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.0927, 85.1204, 94.4885 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, 235, 240) }
```


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

```
.border{ border-color:rgb(245, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 235, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 235, 240); box-shadow:4px 4px 4px 4px rgb(245, 235, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0927, 85.1204, 94.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 240) }
```

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

```
.background{ background-color: rgb(245,  
235, 240) }
```

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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