

Converting Colors

XYZ(83.7905, 85.5327,
100.6773)

Have a look what the booklet for
XYZ(83.7905, 85.5327, 100.6773)
contains.

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Color

**XYZ(83.6138, 85.2487,
100.8547)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EBF8
RGB	243, 235, 248
RGB Percent	95%, 92%, 97%
CMY	0.0471, 0.0784, 0.0274
CMYK	0.02, 0.05, 0.00, 0.03
HSL	277°, 48%, 95%
HSV	277°, 5%, 97%
XYZ	83.6138, 85.2487, 100.8547
YIQ	238.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

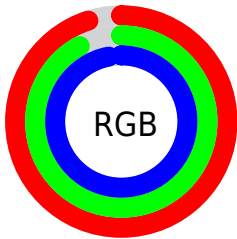
Format	Color
R _{YB}	243, 235, 248
Decimal	15985656
CIE Lab	93.99, 4.99, -5.32
CIE LCh	94, 7.297, 313.187
Yxy	85.2487, 0.3100, 0.3161
Android (android.graphics.Color)	4294175736 (0xFFFF3EBF8)
YUV	238.8740, 4.4991, 3.6185
Hunter-Lab	92.3302, 0.0708, -0.1329

Details

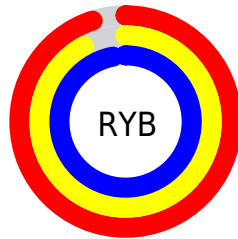
The XYZ color **83.6138, 85.2487, 100.8547** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5012, 91.6605, 91.8402**, and the grayscale version is **81.9140, 86.1799, 93.8500**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1280, 46.6108, 56.4347** is the 20% darker color. If you saturate the color by 10%, you get **73.7957, 70.3734, 98.5022**, and if you desaturate by 10%, it is **93.0454, 99.0944, 103.0314**.

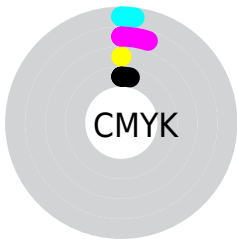
Distribution



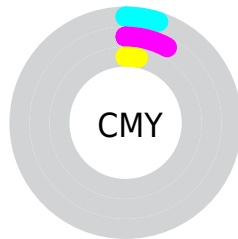
- Red (95%)
- Green (92%)
- Blue (97%)



- Red (95%)
- Yellow (92%)
- Blue (97%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6138, 85.2487, 100.8547 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 83.6138, 85.2487, 100.8547 by changing the saturation by 10% instead.


 83.6138, 85.2487,
100.8547

 83.6138, 85.2487,
100.8547


495.5829,
512.4506, 584.1995

 63.0153, 64.0469,
76.3937


137.3589,
140.7206, 164.3933

 46.1122, 46.6887,
56.2468


171.2361,
175.7595, 204.3080

 32.5394, 32.7896,
39.9955

210.2703,
216.1795, 250.2110

 21.9314, 21.9653,
27.2213

254.8268,
262.3651, 302.5209

 13.9228, 13.8314,
17.5056

305.2710,
314.7006, 361.6561

 8.1483, 8.0035,
10.4298

361.9681,

 4.2426, 4.0972,

373.5704, 428.0353

5.5756

425.2837,
439.3590, 502.0769

■ 1.8403, 1.7281,
2.5242

■ 0.5418, 0.4417,
0.8529

■ 83.6138, 85.2487,
100.8547

■ 83.6138, 85.2487,
100.8547

■ 73.7957, 70.3734,
98.5022

■ 93.0454, 99.0944,
103.0314

■ 65.0929, 57.4796,
96.4722

■ 93.9435, 99.5574,
103.0734

■ 57.4616, 46.4825,
94.7517

■ 50.8521, 37.2868,
93.3251

■ 45.2106, 29.7889,
92.1752

■ 40.4778, 23.8741,
91.2830

■ 36.5867, 19.4132,
90.6271

■ 33.4600, 16.2559,
90.1824

■ 31.0028, 14.2169,
89.9184

Harmonies

Analogous

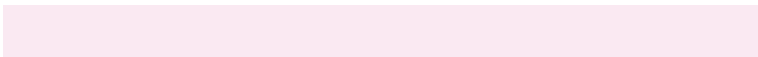
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8828, 85.2487, 103.6489



83.6138, 85.2487, 100.8547



84.6606, 85.2487, 95.9551

Triad

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



83.6138, 85.2487, 100.8547



82.1133, 85.2487, 82.9380



77.4381, 85.2487, 95.2872

Complementary

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



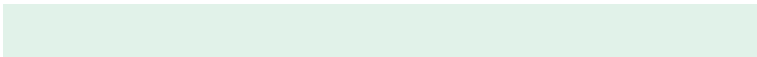
83.6138, 85.2487, 100.8547



84.5012, 91.6605, 91.8402

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.



77.4976, 85.2487, 89.7566



83.6138, 85.2487, 100.8547



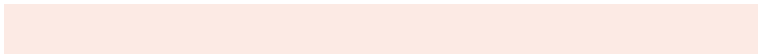
80.1758, 85.2487, 82.7753

Square

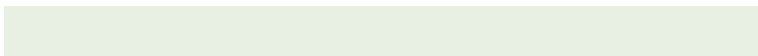
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6138, 85.2487, 100.8547



83.7848, 85.2487, 85.6799



78.4928, 85.2487, 85.2263



78.3291, 85.2487, 100.3489

Rectangle

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



83.6138, 85.2487, 100.8547



84.8194, 85.2487, 92.2269



78.4928, 85.2487, 85.2263



77.3480, 85.2487, 93.4183

Sweetspot

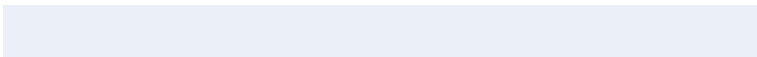
The Sweet Spot groups the original color and five complimentary colors.



83.6163, 85.2524, 100.8566



92.7264, 96.4188, 108.3312



82.4266, 86.8810, 101.2336



19.8716, 20.6751, 23.1933



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.



83.6163, 85.2524, 100.8566



88.2293, 89.5243, 107.2375



85.1645, 86.0737, 99.8800



17.9347, 18.1245, 21.9384



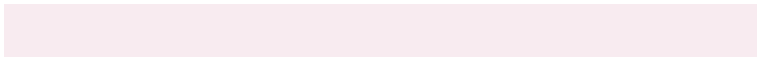
16.3688, 7.3811, 48.5355



1.6344, 0.7446, 4.5008

Inverse Universe

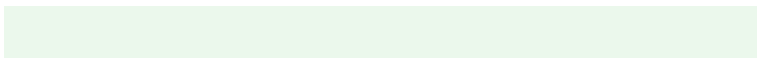
The Inverse Universe completely reimagines the original color for something new.



84.1510, 85.6683, 94.5428



88.8829, 90.0321, 99.5495



83.0155, 90.8728, 92.7545



18.0831, 18.2396, 20.1998



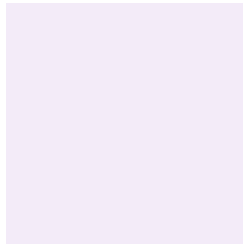
22.1012, 11.2562, 7.2414



2.0970, 1.0625, 0.9341

Previews

White Background



This preview shows how the XYZ color 83.6138, 85.2487, 100.8547 looks on a white background.

Color Contrast Check

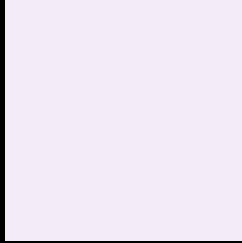
Large Text (above 18pt) WCAG AA × Fail

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 83.6138, 85.2487, 100.8547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

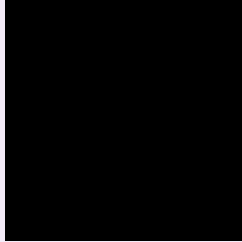
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

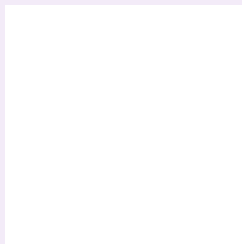
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6138, 85.2487, 100.8547

Background



This preview shows how black text looks on a background with the XYZ color 83.6138, 85.2487, 100.8547.



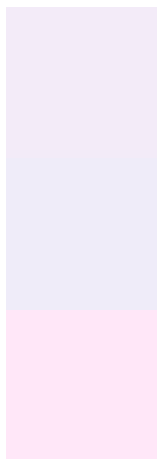
This preview shows how white text looks on a background with the XYZ color 83.6138, 85.2487,

100.8547.

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

83.6138, 85.2487, 100.8547

Protanopia

82.6909, 85.1812, 101.7059

Deuteranopia

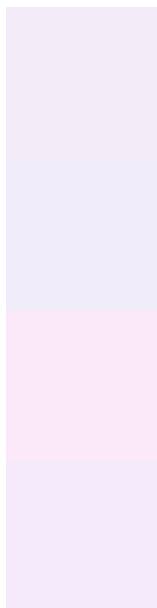
86.7592, 85.1891, 100.6774



Tritanopia

84.4607, 85.1706, 104.9165

Trichromacy



Original Color

83.6138, 85.2487, 100.8547

Protanomaly

83.0295, 85.3557, 101.7217

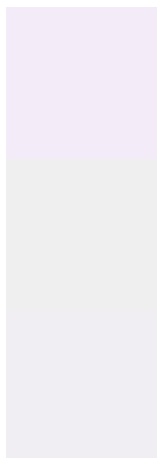
Deuteranomaly

85.5836, 84.9998, 100.7028

Tritanomaly

84.1436, 85.0438, 103.2470

Monochromacy



Original Color

83.6138, 85.2487, 100.8547

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.5367, 86.0851, 96.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6138, 85.2487, 100.8547 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, 235, 248) looks like.

```
.text, #text, p{  
    color:rgb(243, 235, 248)  
}
```

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, 235, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 235, 248) }
```

Border

The CSS property to change the border of an element to XYZ 83.6138, 85.2487, 100.8547 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, 235, 248) }
```


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

```
.border{ border-color:rgb(243, 235, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 235, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 235, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 235, 248); box-shadow:4px 4px 4px 4px rgb(243, 235, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6138, 85.2487, 100.8547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 235, 248) }
```

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

```
.background{ background-color: rgb(243,  
235, 248) }
```

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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