

Converting Colors

XYZ(83.0443, 84.1098,
100.6648)

Have a look what the booklet for
XYZ(83.0443, 84.1098, 100.6648)
contains.

XYZ(83.0443, 84.1098, 100.6648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.0443, 84.1098,
100.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E9F8
RGB	243, 233, 248
RGB Percent	95%, 91%, 97%
CMY	0.0471, 0.0863, 0.0274
CMYK	0.02, 0.06, 0.00, 0.03
HSL	280°, 52%, 94%
HSV	280°, 6%, 97%
XYZ	83.0443, 84.1098, 100.6648
YIQ	237.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

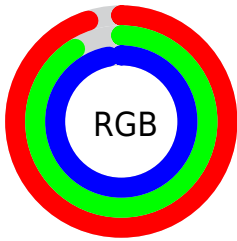
Format	Color
R _Y B	243, 233, 248
Decimal	15985144
CIE Lab	93.50, 6.02, -6.05
CIE LCh	93, 8.535, 314.897
Yxy	84.1098, 0.3101, 0.3141
Android (android.graphics.Color)	4294175224 (0xFF3E9F8)
YUV	237.7000, 5.0779, 4.6481
Hunter-Lab	91.7114, 1.1361, -0.8803

Details

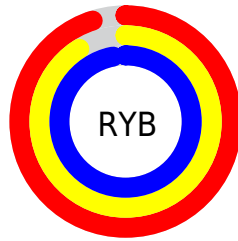
The XYZ color **83.0443, 84.1098, 100.6648** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5384, 91.1973, 90.2949**, and the grayscale version is **80.9995, 85.2178, 92.8022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7301, 45.8148, 56.3021** is the 20% darker color. If you saturate the color by 10%, you get **73.7223, 69.6062, 98.3579**, and if you desaturate by 10%, it is **92.5847, 98.8569, 103.0097**.

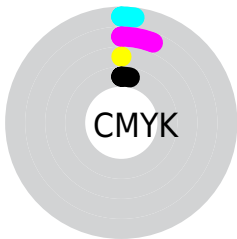
Distribution



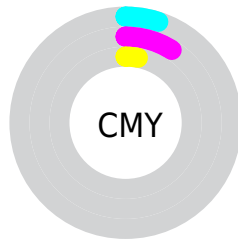
- Red (95%)
- Green (91%)
- Blue (97%)



- Red (95%)
- Yellow (91%)
- Blue (97%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0443, 84.1098, 100.6648 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 83.0443, 84.1098, 100.6648 by changing the saturation by 10% instead.


 83.0443, 84.1098,
100.6648

 83.0443, 84.1098,
100.6648


493.7158,
508.6778, 583.5869

 62.5437, 63.1061,
76.2359

136.5657,
139.1288, 164.1303

 45.7295, 45.9270,
56.1181


170.3173,
173.9128, 204.0040

 32.2361, 32.1883,
39.8930


209.2165,
214.0591, 249.8630

 21.6983, 21.5053,
27.1420

253.6288,
259.9520, 302.1258

 13.7508, 13.4939,
17.4465

303.9196,
311.9759, 361.2111

 8.0281, 7.7695,
10.3880

360.4541,

 4.1649, 3.9478,

370.5153, 427.5374

5.5480

423.5977,
435.9544, 501.5231

■ 1.7958, 1.6444,
2.5080

■ 0.5152, 0.3873,
0.8444

■ 83.0443, 84.1098,
100.6648

■ 83.0443, 84.1098,
100.6648

■ 73.7223, 69.6062,
98.3579

■ 92.5847, 98.8569,
103.0097

■ 65.4705, 57.0557,
96.3703

■ 93.9435, 99.5574,
103.0733

■ 58.2457, 46.3737,
94.6893

■ 51.9991, 37.4646,
93.2989

■ 46.6773, 30.2246,
92.1819

■ 42.2214, 24.5385,
91.3193

■ 38.5649, 20.2763,
90.6893

■ 35.6306, 17.2860,
90.2667

■ 33.3227, 15.3792,
90.0203

Harmonies

Analogous

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



81.0640, 84.1098, 104.1168



83.0443, 84.1098, 100.6648



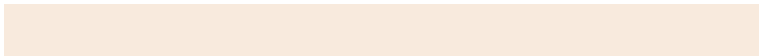
84.2046, 84.1098, 94.8559

Triad

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



83.0443, 84.1098, 100.6648



81.0792, 84.1098, 80.1052



75.8254, 84.1098, 94.8117

Complementary

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



83.0443, 84.1098, 100.6648



83.5384, 91.1973, 90.2949

Split Complementary

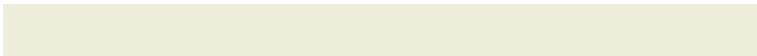
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8293, 84.1098, 88.3829



83.0443, 84.1098, 100.6648



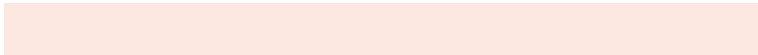
78.8341, 84.1098, 80.0946

Square

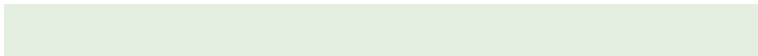
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0443, 84.1098, 100.6648



83.0556, 84.1098, 83.0910



76.9215, 84.1098, 83.0613



76.9108, 84.1098, 100.6311

Rectangle

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



83.0443, 84.1098, 100.6648



84.3434, 84.1098, 90.5251



76.9215, 84.1098, 83.0613



75.7000, 84.1098, 92.6456

Sweetspot

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



83.0467, 84.1134, 100.6666



92.8217, 96.4680, 108.3357



81.1982, 85.3992, 101.0122



19.8911, 20.6851, 23.1942



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.



83.0467, 84.1134, 100.6666



87.4619, 88.0239, 106.9883



84.4490, 84.8764, 98.9213



17.7959, 17.8401, 21.8908



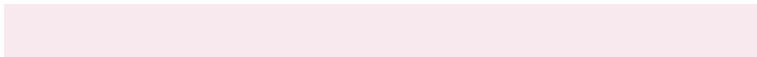
17.7252, 8.0803, 48.5990



1.7540, 0.8063, 4.5064

Inverse Universe

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



83.2859, 84.4111, 92.7965



87.7606, 88.3925, 97.3104



82.2063, 90.4732, 91.9209



17.8627, 17.9220, 19.7469



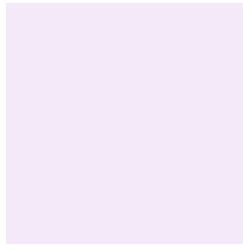
21.8068, 11.1384, 5.6909



2.0667, 1.0504, 0.7747

Previews

White Background



This preview shows how the XYZ color 83.0443, 84.1098, 100.6648 looks on a white background.

Color Contrast Check

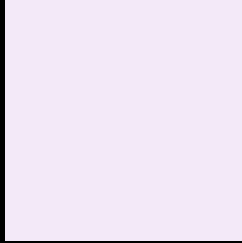
Large Text (above 18pt) WCAG AA × Fail

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 83.0443, 84.1098, 100.6648 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

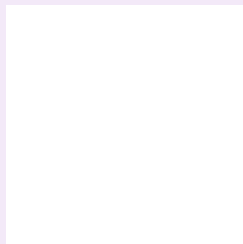
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0443, 84.1098, 100.6648

Background



This preview shows how black text looks on a background with the XYZ color 83.0443, 84.1098, 100.6648.



This preview shows how white text looks on a background with the XYZ color 83.0443, 84.1098,

100.6648.

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

83.0443, 84.1098, 100.6648

Protanopia

81.7323, 84.2607, 101.5787

Deuteranopia

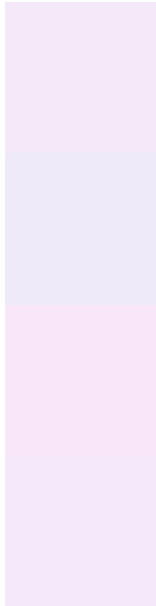
85.9912, 83.9490, 101.2941



Tritanopia

83.5136, 84.2975, 103.1362

Trichromacy



Original Color

83.0443, 84.1098, 100.6648

Protanomaly

82.1183, 84.0359, 101.5150

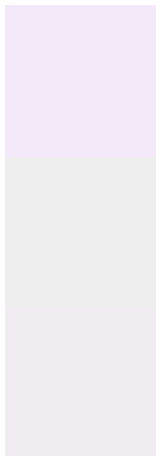
Deuteranomaly

84.8200, 83.7572, 101.3188

Tritanomaly

83.3564, 84.2346, 102.3080

Monochromacy



Original Color

83.0443, 84.1098, 100.6648

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.9576, 84.9270, 96.0773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0443, 84.1098, 100.6648 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, 233, 248) looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 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, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 248) }
```

Border

The CSS property to change the border of an element to XYZ 83.0443, 84.1098, 100.6648 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, 233, 248) }
```


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

```
.border{ border-color:rgb(243, 233, 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, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 233,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0443, 84.1098, 100.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 248) }
```

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

```
.background{ background-color: rgb(243,  
233, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor