

Converting Colors

XYZ(83.7278, 83.4035, 91.8063)

Have a look what the booklet for
XYZ(83.7278, 83.4035, 91.8063)
contains.

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Color

**XYZ(83.7278, 83.4035,
91.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6ED
RGB	252, 230, 237
RGB Percent	99%, 90%, 93%
CMY	0.0118, 0.0980, 0.0706
CMYK	0.00, 0.09, 0.06, 0.01
HSL	341°, 79%, 95%
HSV	341°, 9%, 99%
XYZ	83.7278, 83.4035, 91.8063
YIQ	237.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

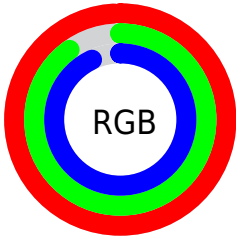
Format	Color
R _Y B	252, 230, 237
Decimal	16574189
CIE Lab	93.19, 8.66, -0.68
CIE LCh	93, 8.684, 355.480
Yxy	83.4035, 0.3234, 0.3221
Android (android.graphics.Color)	4294764269 (0xFFFC6ED)
YUV	237.3760, -0.1854, 12.8252
Hunter-Lab	91.3255, 3.8303, 4.3257

Details

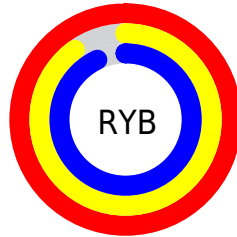
The XYZ color **83.7278, 83.4035, 91.8063** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9282, 93.0386, 99.9256**, and the grayscale version is **80.7835, 84.9905, 92.5547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9822, 45.2104, 50.0190** is the 20% darker color. If you saturate the color by 10%, you get **74.8242, 69.4231, 77.0390**, and if you desaturate by 10%, it is **93.8248, 99.3835, 108.1607**.

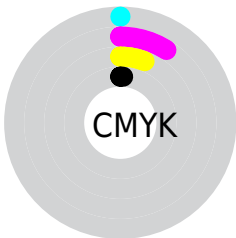
Distribution



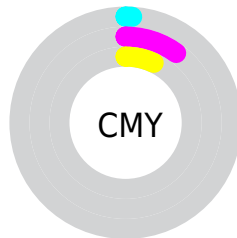
- Red (99%)
- Green (90%)
- Blue (93%)



- Red (99%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7278, 83.4035, 91.8063 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 83.7278, 83.4035, 91.8063 by changing the saturation by 10% instead.


 83.7278, 83.4035,
91.8063

 83.7278, 83.4035,
91.8063


495.9562,
506.3303, 554.6103

 63.1097, 62.5231,
68.8976


137.5176,
138.1405, 151.8023

 46.1889, 45.4555,
50.1571


171.4199,
172.7658, 189.7266

 32.6002, 31.8164,
35.1662


210.4811,
212.7415, 233.4933

 21.9781, 21.2213,
23.5063

255.0664,
258.4521, 283.5208

 13.9573, 13.2858,
14.7590

305.5412,
310.2818, 340.2278

 8.1725, 7.6257,
8.5057

362.2709,

 4.2583, 3.8564,

368.6152, 404.0326

4.3278

425.6208,
433.8365, 475.3540

■ 1.8493, 1.5935,
1.8069

■ 0.5471, 0.3532,
0.4325

■ 83.7278, 83.4035,
91.8063

■ 83.7278, 83.4035,
91.8063

■ 74.8242, 69.4231,
77.0390

93.8248, 99.3835,
108.1607

■ 67.1227, 57.4734,
63.8254

93.9554, 99.4357,
108.8488

■ 60.5722, 47.4626,
52.1147

■ 55.1149, 39.2873,
41.8514

■ 50.6883, 32.8342,
32.9762

■ 47.2228, 27.9778,
25.4253

■ 44.6398, 24.5748,
19.1293

■ 42.8474, 22.4564,
14.0112

■ 41.7159, 21.3796,
9.9774

Harmonies

Analogous

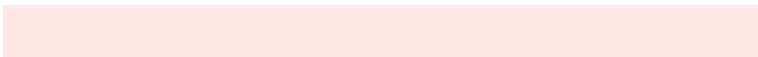
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9431, 83.4035, 98.1216



83.7278, 83.4035, 91.8063



83.3001, 83.4035, 85.5127

Triad

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



83.7278, 83.4035, 91.8063



77.3998, 83.4035, 79.9335



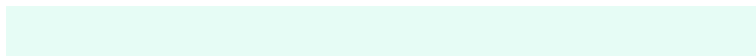
76.8118, 83.4035, 101.5648

Complementary

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



83.7278, 83.4035, 91.8063



83.9282, 93.0386, 99.9256

Split Complementary

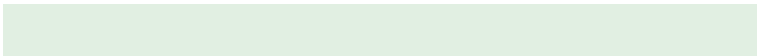
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3769, 83.4035, 96.3263



83.7278, 83.4035, 91.8063



75.7119, 83.4035, 83.8751

Square

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



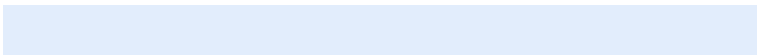
83.7278, 83.4035, 91.8063



79.6189, 83.4035, 78.8517



74.9782, 83.4035, 89.8254



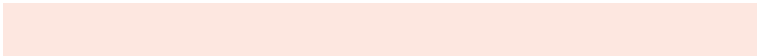
78.9272, 83.4035, 103.9249

Rectangle

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



83.7278, 83.4035, 91.8063



82.3892, 83.4035, 82.1435



74.9782, 83.4035, 89.8254



76.2355, 83.4035, 100.0703

Sweetspot

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



83.7302, 83.4071, 91.8081



91.8292, 94.8843, 103.7388



83.4104, 82.9784, 103.7169



19.4753, 20.0238, 21.9146



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

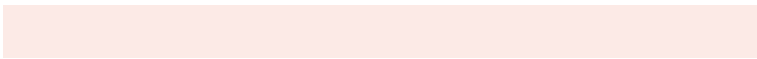
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7302, 83.4071, 91.8081



84.7733, 83.7259, 92.2817



83.7586, 85.0682, 86.8725



17.4721, 17.3162, 19.0756



21.7279, 11.1069, 5.2758



2.0584, 1.0471, 0.7307

Inverse Universe

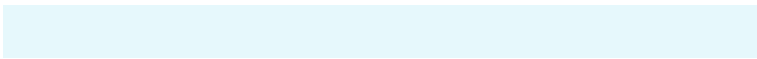
The Inverse Universe completely reimagines the original color for something new.



83.7302, 83.4071, 91.8081



84.7733, 83.7259, 92.2817



83.8766, 91.1937, 105.2781



17.4721, 17.3162, 19.0756



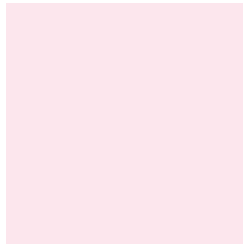
21.7279, 11.1069, 5.2758



2.0584, 1.0471, 0.7307

Previews

White Background



This preview shows how the XYZ color 83.7278, 83.4035, 91.8063 looks on a white background.

Color Contrast Check

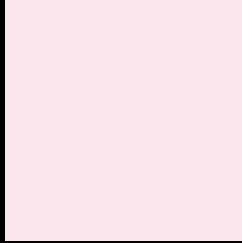
Large Text (above 18pt) WCAG AA × Fail

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 83.7278, 83.4035, 91.8063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

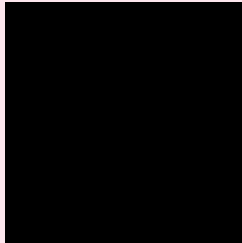
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7278, 83.4035, 91.8063

Background



This preview shows how black text looks on a background with the XYZ color 83.7278, 83.4035, 91.8063.



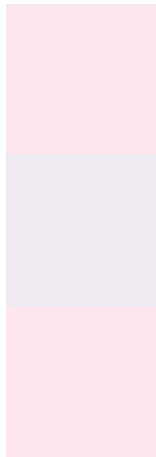
This preview shows how white text looks on a background with the XYZ color 83.7278, 83.4035,

91.8063.

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

83.7278, 83.4035, 91.8063

Protanopia

80.2627, 83.2548, 93.5008

Deuteranopia

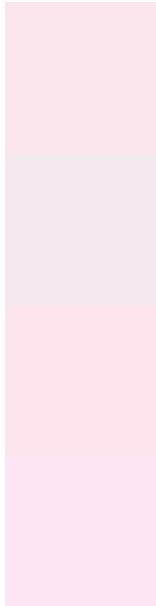
84.5454, 83.4130, 91.7651



Tritanopia

85.1619, 83.5751, 98.8319

Trichromacy



Original Color

83.7278, 83.4035, 91.8063

Protanomaly

81.5337, 83.5056, 92.7098

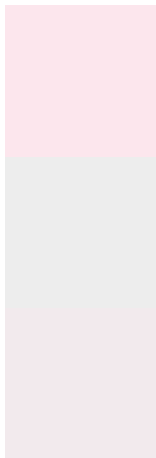
Deuteranomaly

84.1784, 83.2239, 91.7479

Tritanomaly

84.7050, 83.3923, 96.4259

Monochromacy



Original Color

83.7278, 83.4035, 91.8063

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.3268, 83.8373, 92.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7278, 83.4035, 91.8063 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, 230, 237) looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 237)  
}
```

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, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 237) }
```

Border

The CSS property to change the border of an element to XYZ 83.7278, 83.4035, 91.8063 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, 230, 237) }
```


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

```
.border{ border-color:rgb(252, 230, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7278, 83.4035, 91.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 237) }
```

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

```
.background{ background-color: rgb(252,  
230, 237) }
```

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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