

Converting Colors

XYZ(93.3697, 86.4740, 92.5889)

Have a look what the booklet for XYZ(93.3697, 86.4740, 92.5889) contains.

XYZ(83.5978, 81.2835, 92.1721) 3

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Color

**XYZ(83.5978, 81.2835,
92.1721)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFE1EE |
| RGB | 255, 225, 238 |
| RGB Percent | 100%, 88%, 93% |
| CMY | 0.0000, 0.1176, 0.0667 |
| CMYK | 0.00, 0.12, 0.07, 0.00 |
| HSL | 334°, 100%, 94% |
| HSV | 334°, 12%, 100% |
| XYZ | 83.5978, 81.2835, 92.1721 |
| YIQ | 235.4520, 13.7070, 10.4030 |

Conversions

Conversions Part 2

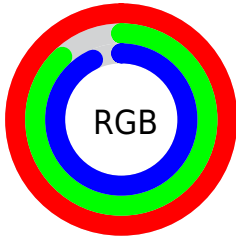
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 225, 238 |
| Decimal | 16769518 |
| CIE Lab | 92.26, 12.43, -2.54 |
| CIE LCh | 92, 12.688, 348.435 |
| Yxy | 81.2835, 0.3252, 0.3162 |
| Android (android.graphics.Color) | 4294959598 (0xFFFFE1EE) |
| YUV | 235.4520, 1.2562, 17.1436 |
| Hunter-Lab | 90.1574, 7.7375, 2.4952 |

Details

The XYZ color **83.5978, 81.2835, 92.1721** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8409, 93.9396, 97.7740**, and the grayscale version is **79.2952, 83.4247, 90.8495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1069, 44.1326, 50.3443** is the 20% darker color. If you saturate the color by 10%, you get **75.1736, 67.6976, 79.3062**, and if you desaturate by 10%, it is **93.2257, 97.0032, 106.2824**.

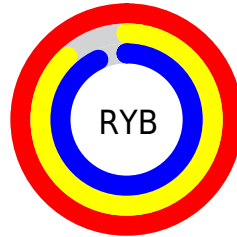
Distribution



Red (100%)

Green (88%)

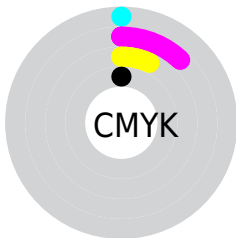
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

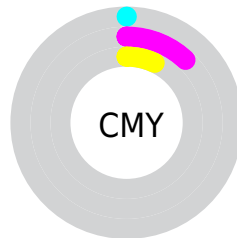


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5978, 81.2835, 92.1721 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 83.5978, 81.2835, 92.1721 by changing the saturation by 10% instead.


 83.5978, 81.2835,
92.1721

 83.5978, 81.2835,
92.1721


495.5305,
499.2479, 555.8229

 63.0020, 60.7751,
69.1998

137.3366,
135.1688, 152.3137

 46.1015, 44.0437,
50.4016


171.2103,
169.3144, 190.3200

 32.5309, 30.7049,
35.3592


210.2407,
208.7747, 234.1746

 21.9248, 20.3742,
23.6540

254.7932,
253.9338, 284.2963

 13.9180, 12.6674,
14.8673

305.2330,
305.1763, 341.1034

 8.1449, 7.1999,
8.5807

361.9256,

 4.2404, 3.5874,

362.8866, 405.0145

4.3757

425.2363,
427.4490, 476.4482

■ 1.8390, 1.4456,
1.8336

■ 0.5410, 0.2499,
0.4500

■ 83.5978, 81.2835,
92.1721

■ 83.5978, 81.2835,
92.1721

■ 75.1736, 67.6976,
79.3062

■ 93.2257, 97.0032,
106.2824

■ 67.8980, 56.1428,
67.6434

95.0500, 100.0000,
108.9000

■ 61.7199, 46.5231,
57.1473

■ 56.5818, 38.7307,
47.7777

■ 52.4210, 32.6470,
39.4916

■ 49.1674, 28.1394,
32.2425

■ 46.7408, 25.0553,
25.9794

■ 45.0452, 23.2113,
20.6448

■ 44.0809, 22.3963,
16.8898

Harmonies

Analogous

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



82.0695, 81.2835, 101.0274



83.5978, 81.2835, 92.1721



83.3920, 81.2835, 82.9182

Triad

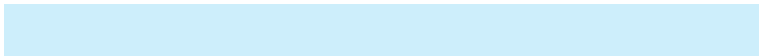
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5978, 81.2835, 92.1721



75.2817, 81.2835, 72.4614



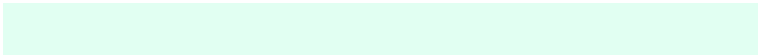
73.1511, 81.2835, 102.7069

Complementary

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



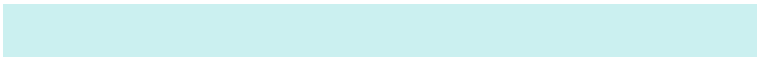
83.5978, 81.2835, 92.1721



82.8409, 93.9396, 97.7740

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.



71.4315, 81.2835, 94.3351



83.5978, 81.2835, 92.1721



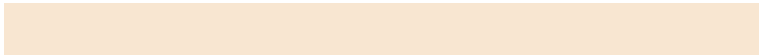
72.6374, 81.2835, 77.0607

Square

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



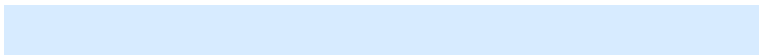
83.5978, 81.2835, 92.1721



78.5280, 81.2835, 71.9726



71.2462, 81.2835, 84.9344



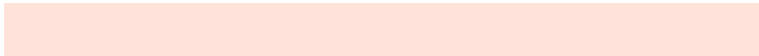
76.0009, 81.2835, 107.3905

Rectangle

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



83.5978, 81.2835, 92.1721



82.3001, 81.2835, 77.7515



71.2462, 81.2835, 84.9344



72.4252, 81.2835, 100.2045

Sweetspot

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



83.5997, 81.2869, 92.1738



90.9651, 93.2971, 103.0158



81.5957, 79.9514, 105.7394



19.3106, 19.7080, 21.8176



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

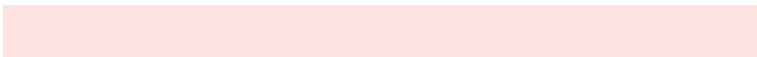
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5997, 81.2869, 92.1738



81.6117, 78.0645, 89.1879



82.3021, 81.6379, 82.6584



18.3362, 18.1178, 20.3873



23.1048, 11.7312, 9.2024



2.3032, 1.1637, 1.1782

Inverse Universe

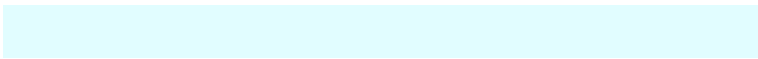
The Inverse Universe completely reimagines the original color for something new.



83.5997, 81.2869, 92.1738



81.6117, 78.0645, 89.1879



84.2286, 93.4793, 108.2117



18.3362, 18.1178, 20.3873



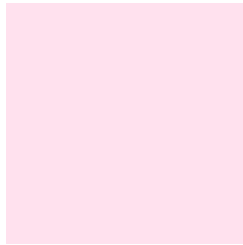
23.1048, 11.7312, 9.2024



2.3032, 1.1637, 1.1782

Previews

White Background



This preview shows how the XYZ color 83.5978, 81.2835, 92.1721 looks on a white background.

Color Contrast Check

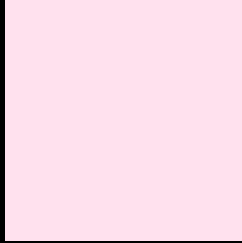
Large Text (above 18pt) WCAG AA × Fail

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 83.5978, 81.2835, 92.1721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

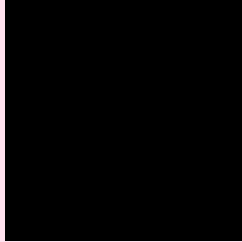
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5978, 81.2835, 92.1721

Background



This preview shows how black text looks on a background with the XYZ color 83.5978, 81.2835, 92.1721.

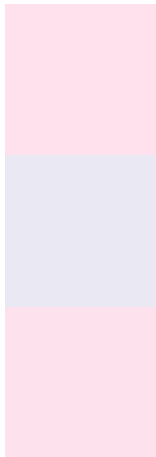


This preview shows how white text looks on a background with the XYZ color 83.5978, 81.2835,

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

83.5978, 81.2835, 92.1721

Protanopia

78.8153, 81.6165, 95.6039

Deuteranopia

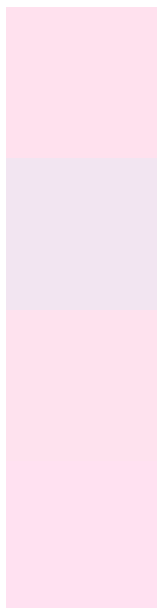
83.1370, 81.4484, 92.2282



Tritanopia

84.1922, 81.5212, 95.3022

Trichromacy



Original Color

83.5978, 81.2835, 92.1721

Protanomaly

80.5144, 81.2667, 94.6616

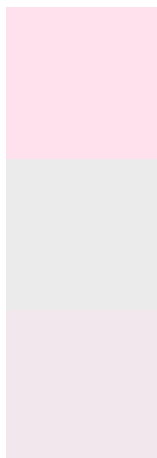
Deuteranomaly

83.5020, 81.6366, 92.2453

Tritanomaly

84.0424, 81.4613, 94.5132

Monochromacy



Original Color

83.5978, 81.2835, 92.1721

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.3342, 82.0852, 90.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5978, 81.2835, 92.1721 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(255, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 238)  
}
```

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(255, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 83.5978, 81.2835, 92.1721 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(255, 225, 238) }
```


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

```
.border{ border-color:rgb(255, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5978, 81.2835, 92.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 238) }
```

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

```
.background{ background-color: rgb(255,  
225, 238) }
```

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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