

Converting Colors

XYZ(134.4076, 109.1951,
95.3306)

Have a look what the booklet for
XYZ(134.4076, 109.1951, 95.3306)
contains.

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Color

**XYZ(84.8393, 83.5306,
93.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5EF
RGB	255, 229, 239
RGB Percent	100%, 90%, 94%
CMY	0.0000, 0.1019, 0.0627
CMYK	0.00, 0.10, 0.06, 0.00
HSL	337°, 100%, 95%
HSV	337°, 10%, 100%
XYZ	84.8393, 83.5306, 93.3129
YIQ	237.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

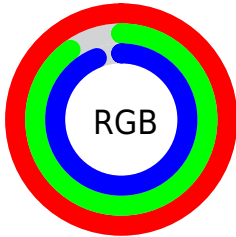
Format	Color
R _Y B	255, 229, 239
Decimal	16770543
CIE Lab	93.25, 10.53, -1.62
CIE LCh	93, 10.653, 351.270
Yxy	83.5306, 0.3242, 0.3192
Android (android.graphics.Color)	4294960623 (0xFFFFE5EF)
YUV	237.9140, 0.5354, 14.9844
Hunter-Lab	91.3951, 5.7548, 3.4424

Details

The XYZ color **84.8393, 83.5306, 93.3129** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5571, 94.7718, 100.2258**, and the grayscale version is **81.1925, 85.4209, 93.0233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9720, 45.6968, 51.1444** is the 20% darker color. If you saturate the color by 10%, you get **76.0764, 69.5555, 79.4454**, and if you desaturate by 10%, it is **94.8437, 99.6656, 108.5899**.

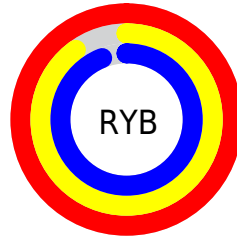
Distribution



Red (100%)

Green (90%)

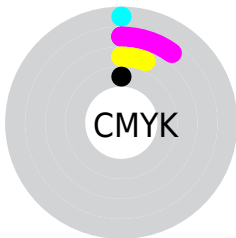
Blue (94%)



Red (100%)

Yellow (90%)

Blue (94%)

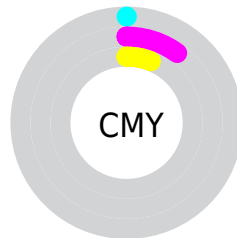


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8393, 83.5306, 93.3129 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 84.8393, 83.5306, 93.3129 by changing the saturation by 10% instead.


 84.8393, 83.5306,
93.3129

 84.8393, 83.5306,
93.3129


499.5879,
506.7532, 559.5955

 64.0307, 62.6280,
70.1425


139.0638,
138.3184, 153.9072

 46.9373, 45.5403,
51.1652


173.2104,
172.9723, 192.1682

 33.1938, 31.8832,
35.9624


212.5337,
212.9788, 236.2964

 22.4349, 21.2723,
24.1157

257.3990,
258.7222, 286.7104

 14.2952, 13.3232,
15.2065

308.1717,
310.5869, 343.8288

 8.4093, 7.6515,
8.8162

365.2172,

 4.4120, 3.8728,

368.9574, 408.0701

4.5263

428.9008,
434.2180, 479.8528

■ 1.9377, 1.6026,
1.9183

■ 0.5986, 0.3594,
0.5043

■ 84.8393, 83.5306,
93.3129

■ 84.8393, 83.5306,
93.3129

■ 76.0764, 69.5555,
79.4454

94.8437, 99.6656,
108.5899

■ 68.4992, 57.6382,
66.9401

95.0500, 100.0000,
108.9000

■ 62.0559, 47.6832,
55.7550

■ 56.6888, 39.5838,
45.8434

■ 52.3346, 33.2226,
37.1556

■ 48.9230, 28.4690,
29.6382

■ 46.3742, 25.1735,
23.2330

■ 44.5936, 23.1579,
17.8746

■ 43.4473, 22.1429,
13.5534

Harmonies

Analogous

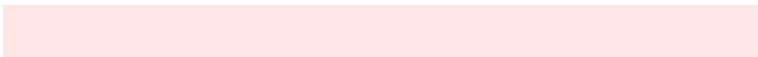
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6715, 83.5306, 100.9512



84.8393, 83.5306, 93.3129



84.5213, 83.5306, 85.4664

Triad

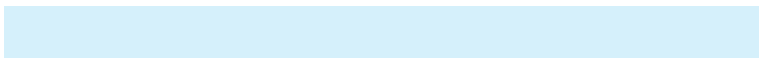
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8393, 83.5306, 93.3129



77.4546, 83.5306, 77.3145



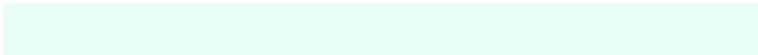
76.0696, 83.5306, 103.5282

Complementary

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



84.8393, 83.5306, 93.3129



84.5571, 94.7718, 100.2258

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.



74.4771, 83.5306, 96.6646



84.8393, 83.5306, 93.3129



75.2635, 83.5306, 81.6333

Square

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



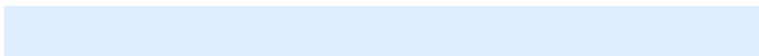
84.8393, 83.5306, 93.3129



80.2139, 83.5306, 76.5342



74.1855, 83.5306, 88.6286



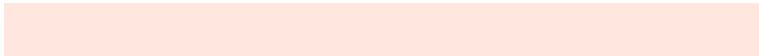
78.5783, 83.5306, 107.0724

Rectangle

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



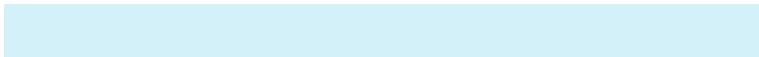
84.8393, 83.5306, 93.3129



83.5125, 83.5306, 81.1465



74.1855, 83.5306, 88.6286



75.4119, 83.5306, 101.5143

Sweetspot

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



84.8412, 83.5340, 93.3147



91.9090, 94.9162, 104.1590



83.5886, 82.6030, 106.1461



19.4968, 20.0324, 22.0278



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

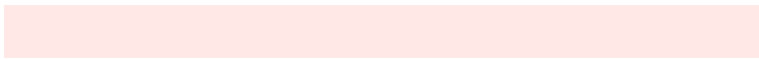
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8412, 83.5340, 93.3147



83.1679, 80.8524, 90.7067



84.1293, 84.4088, 85.9915



18.2984, 18.1027, 20.1888



22.7695, 11.5971, 7.4364



2.2684, 1.1497, 0.9948

Inverse Universe

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



84.8412, 83.5340, 93.3147



83.1679, 80.8524, 90.7067



85.3013, 93.7517, 108.2078



18.2984, 18.1027, 20.1888



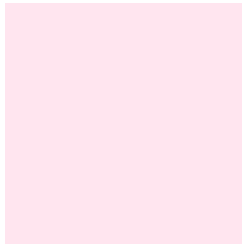
22.7695, 11.5971, 7.4364



2.2684, 1.1497, 0.9948

Previews

White Background



This preview shows how the XYZ color 84.8393, 83.5306, 93.3129 looks on a white background.

Color Contrast Check

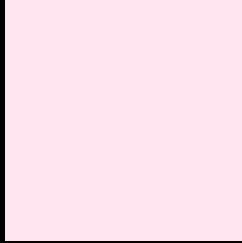
Large Text (above 18pt) WCAG AA × Fail

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 84.8393, 83.5306, 93.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

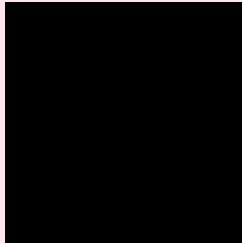
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8393, 83.5306, 93.3129

Background



This preview shows how black text looks on a background with the XYZ color 84.8393, 83.5306, 93.3129.



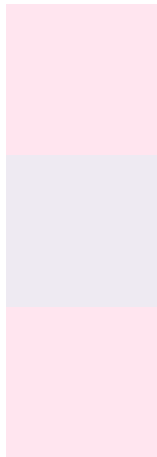
This preview shows how white text looks on a background with the XYZ color 84.8393, 83.5306,

93.3129.

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

84.8393, 83.5306, 93.3129

Protanopia

80.7097, 83.4336, 95.8548

Deuteranopia

84.8393, 83.5306, 93.3129



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

84.8393, 83.5306, 93.3129

Protanomaly

82.0420, 83.2972, 94.9730

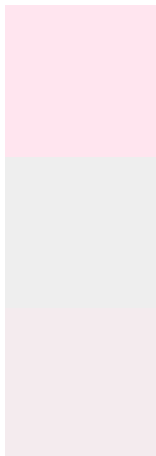
Deuteranomaly

84.8393, 83.5306, 93.3129

Tritanomaly

85.1611, 83.2179, 96.3682

Monochromacy



Original Color

84.8393, 83.5306, 93.3129

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.4492, 84.8228, 92.9158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8393, 83.5306, 93.3129 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, 229, 239) looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 239)  
}
```

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, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.8393, 83.5306, 93.3129 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, 229, 239) }
```


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

```
.border{ border-color:rgb(255, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8393, 83.5306, 93.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 239) }
```

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

```
.background{ background-color: rgb(255,  
229, 239) }
```

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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