

Converting Colors

XYZ(83.3449, 81.5773, 89.6226)

Have a look what the booklet for
XYZ(83.3449, 81.5773, 89.6226)
contains.

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Color

**XYZ(83.4318, 81.6509,
89.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2EB
RGB	255, 226, 235
RGB Percent	100%, 89%, 92%
CMY	0.0000, 0.1137, 0.0784
CMYK	0.00, 0.11, 0.08, 0.00
HSL	341°, 100%, 94%
HSV	341°, 11%, 100%
XYZ	83.4318, 81.6509, 89.9601
YIQ	235.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

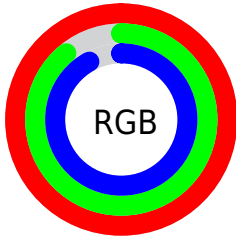
Format	Color
R _Y B	255, 226, 235
Decimal	16769771
CIE Lab	92.42, 11.41, -0.74
CIE LCh	92, 11.435, 356.303
Yxy	81.6509, 0.3271, 0.3201
Android (android.graphics.Color)	4294959851 (0xFFFFE2EB)
YUV	235.6970, -0.3436, 16.9287
Hunter-Lab	90.3609, 6.6806, 4.2256

Details

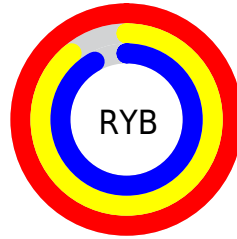
The XYZ color **83.4318, 81.6509, 89.9601** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7612, 94.3438, 100.9879**, and the grayscale version is **79.4936, 83.6335, 91.0769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9883, 44.3863, 48.7914** is the 20% darker color. If you saturate the color by 10%, you get **74.5899, 67.8346, 75.0897**, and if you desaturate by 10%, it is **93.5598, 97.6367, 106.5011**.

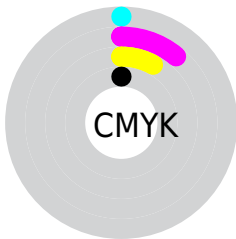
Distribution



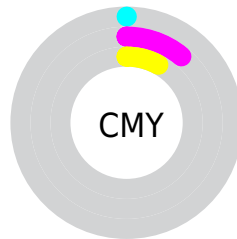
- Red (100%)
- Green (89%)
- Blue (92%)



- Red (100%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4318, 81.6509, 89.9601 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 83.4318, 81.6509, 89.9601 by changing the saturation by 10% instead.


 83.4318, 81.6509,
89.9601

 83.4318, 81.6509,
89.9601


494.9867,
500.4792, 548.4678

 62.8645, 61.0778,
67.3740


137.1055,
135.6843, 149.2180

 45.9899, 44.2880,
48.9251


170.9426,
169.9135, 186.7269

 32.4424, 30.8970,
34.1949


209.9337,
209.4634, 230.0472

 21.8568, 20.5204,
22.7648

254.4441,
254.7186, 279.5973

 13.8678, 12.7739,
14.2163

304.8393,
306.0634, 335.7960

 8.1098, 7.2730,
8.1308

361.4846,

 4.2177, 3.6334,

363.8821, 399.0615

4.0898

424.7452,
428.5593, 469.8126

■ 1.8260, 1.4707,
1.6747

■ 0.5333, 0.2680,
0.3433

■ 83.4318, 81.6509,
89.9601

■ 83.4318, 81.6509,
89.9601

■ 74.5899, 67.8346,
75.0897

■ 93.5598, 97.6367,
106.5011

■ 66.9760, 56.0842,
61.8314

95.0500, 100.0000,
108.9000

■ 60.5356, 46.3025,
50.1306

■ 55.2079, 38.3806,
39.9277

■ 50.9263, 32.1988,
31.1588

■ 47.6167, 27.6234,
23.7553

■ 45.1949, 24.5009,
17.6419

■ 43.5606, 22.6475,
12.7343

■ 42.6555, 21.8262,
9.3837

Harmonies

Analogous

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



82.4437, 81.6509, 98.2666



83.4318, 81.6509, 89.9601



82.8267, 81.6509, 81.8683

Triad

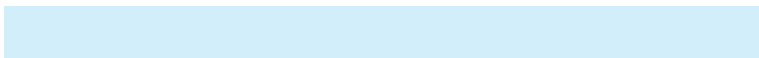
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4318, 81.6509, 89.9601



75.1096, 81.6509, 75.0650



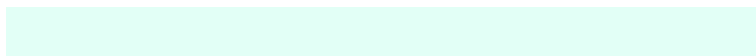
74.4888, 81.6509, 103.1810

Complementary

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



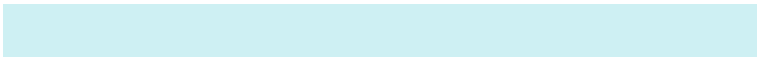
83.4318, 81.6509, 89.9601



83.7612, 94.3438, 100.9879

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.



72.6108, 81.6509, 96.3315



83.4318, 81.6509, 89.9601



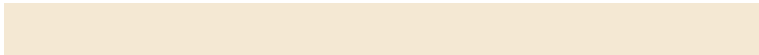
72.9628, 81.6509, 80.1558

Square

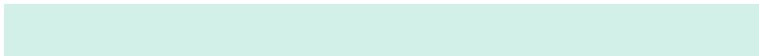
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4318, 81.6509, 89.9601



77.9746, 81.6509, 73.5959



72.0593, 81.6509, 87.8561



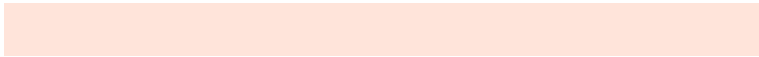
77.2400, 81.6509, 106.1999

Rectangle

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



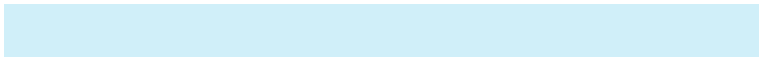
83.4318, 81.6509, 89.9601



81.6093, 81.6509, 77.6217



72.0593, 81.6509, 87.8561



73.7372, 81.6509, 101.2297

Sweetspot

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



83.4336, 81.6542, 89.9618



91.8199, 94.8806, 103.6896



83.1904, 81.1760, 105.8917



19.4728, 20.0228, 21.9014



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

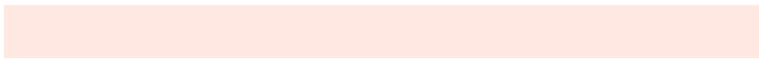
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4336, 81.6542, 89.9618



80.9857, 77.8140, 85.8913



83.6343, 84.0833, 83.7775



18.2414, 18.0799, 19.8886



22.3470, 11.4281, 5.2115



2.2224, 1.1313, 0.7528

Inverse Universe

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



83.4336, 81.6542, 89.9618



80.9857, 77.8140, 85.8913



83.5035, 91.5650, 107.8804



18.2414, 18.0799, 19.8886



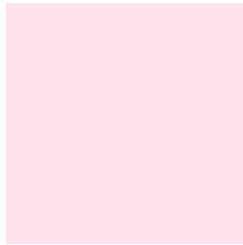
22.3470, 11.4281, 5.2115



2.2224, 1.1313, 0.7528

Previews

White Background



This preview shows how the XYZ color 83.4318, 81.6509, 89.9601 looks on a white background.

Color Contrast Check

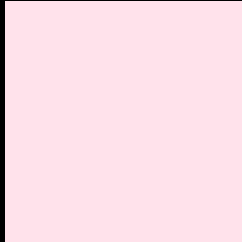
Large Text (above 18pt) WCAG AA × Fail

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 83.4318, 81.6509, 89.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

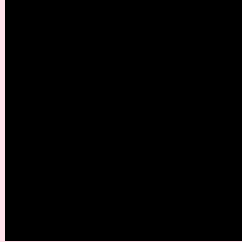
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4318, 81.6509, 89.9601

Background



This preview shows how black text looks on a background with the XYZ color 83.4318, 81.6509, 89.9601.



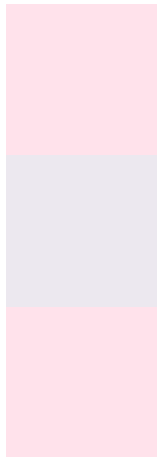
This preview shows how white text looks on a background with the XYZ color 83.4318, 81.6509,

89.9601.

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

83.4318, 81.6509, 89.9601

Protanopia

79.0287, 81.7781, 93.2808

Deuteranopia

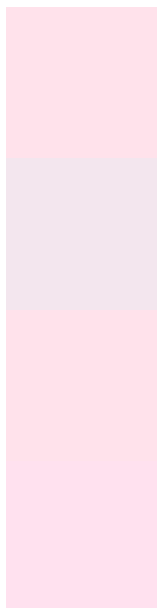
83.4318, 81.6509, 89.9601



Tritanopia

84.1922, 81.5212, 95.3022

Trichromacy



Original Color

83.4318, 81.6509, 89.9601

Protanomaly

80.6916, 81.8214, 92.4291

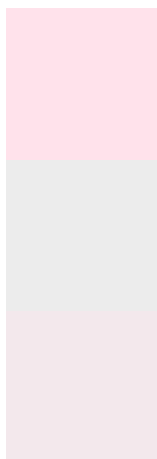
Deuteranomaly

83.4318, 81.6509, 89.9601

Tritanomaly

83.7452, 81.3424, 92.9482

Monochromacy



Original Color

83.4318, 81.6509, 89.9601

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.9591, 82.8240, 91.0765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4318, 81.6509, 89.9601 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, 226, 235) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 235)  
}
```

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, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 235) }
```

Border

The CSS property to change the border of an element to XYZ 83.4318, 81.6509, 89.9601 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, 226, 235) }
```


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

```
.border{ border-color:rgb(255, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4318, 81.6509, 89.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 235) }
```

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

```
.background{ background-color: rgb(255,  
226, 235) }
```

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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