

Converting Colors

XYZ(85.2776, 83.6353, 98.6912)

Have a look what the booklet for
XYZ(85.2776, 83.6353, 98.6912)
contains.

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Color

**XYZ(85.1619, 83.5751,
98.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE5F6
RGB	253, 229, 246
RGB Percent	99%, 90%, 96%
CMY	0.0078, 0.1019, 0.0353
CMYK	0.00, 0.09, 0.03, 0.01
HSL	318°, 86%, 95%
HSV	318°, 9%, 99%
XYZ	85.1619, 83.5751, 98.8319
YIQ	238.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

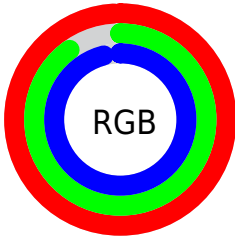
Format	Color
RYB	253, 229, 246
Decimal	16639478
CIELab	93.27, 11.06, -5.26
CIElCh	93, 12.242, 334.568
Yxy	83.5751, 0.3183, 0.3123
Android (android.graphics.Color)	4294829558 (0xFFFDE5F6)
YUV	238.1140, 3.8878, 13.0550
Hunter-Lab	91.4194, 6.2980, -0.1038

Details

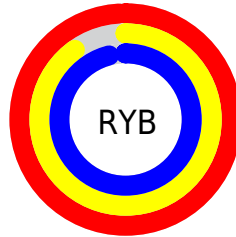
The XYZ color **85.1619, 83.5751, 98.8319** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5819, 92.9670, 92.9532**, and the grayscale version is **81.3244, 85.5596, 93.1744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1953, 45.7256, 55.0537** is the 20% darker color. If you saturate the color by 10%, you get **77.5556, 70.1385, 90.8186**, and if you desaturate by 10%, it is **93.8382, 99.0772, 107.4260**.

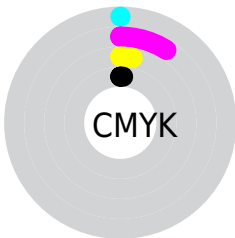
Distribution



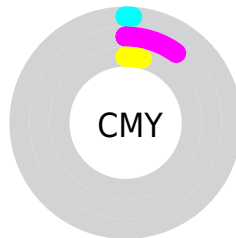
- Red (99%)
- Green (90%)
- Blue (96%)



- Red (99%)
- Yellow (90%)
- Blue (96%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1619, 83.5751, 98.8319 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 85.1619, 83.5751, 98.8319 by changing the saturation by 10% instead.


 85.1619, 83.5751,
98.8319

 85.1619, 83.5751,
98.8319

500.6392,
506.9012, 577.6558

 64.2981, 62.6647,
74.7139

139.5122,
138.3806, 161.5889

 47.1547, 45.5700,
54.8782


173.7294,
173.0446, 201.0649

 33.3665, 31.9066,
38.9063


213.1285,
213.0618, 246.4975

 22.5679, 21.2902,
26.3796

258.0748,
258.8167, 298.3050

 14.3937, 13.3363,
16.8795

308.9337,
310.6937, 356.9060

 8.4785, 7.6605,
9.9876

366.0705,

 4.4570, 3.8785,

369.0772, 422.7192

5.2852

429.8505,
434.3516, 496.1629

■ 1.9638, 1.6058,
2.3539

■ 0.6135, 0.3615,
0.7612

■ 85.1619, 83.5751,
98.8319

■ 85.1619, 83.5751,
98.8319

■ 77.5556, 70.1385,
90.8186

■ 93.8382, 99.0772,
107.4260

■ 70.9676, 58.6685,
83.3633

■ 94.3186, 99.6229,
108.8658

■ 65.3526, 49.0742,
76.4493

■ 60.6591, 41.2532,
70.0568

■ 56.8306, 35.0936,
64.1643

■ 53.8042, 30.4704,
58.7480

■ 51.5079, 27.2407,
53.7813

■ 49.8566, 25.2348,
49.2328

■ 48.7179, 24.1893,
45.0556

Harmonies

Analogous

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



83.0022, 83.5751, 106.4026



85.1619, 83.5751, 98.8319



85.7715, 83.5751, 89.5937

Triad

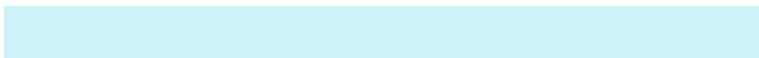
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1619, 83.5751, 98.8319



78.9434, 83.5751, 74.4364



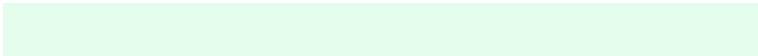
74.4434, 83.5751, 101.4399

Complementary

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



85.1619, 83.5751, 98.8319



82.5819, 92.9670, 92.9532

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.



73.4197, 83.5751, 92.4191



85.1619, 83.5751, 98.8319



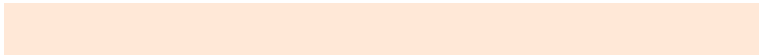
75.9727, 83.5751, 77.1589

Square

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



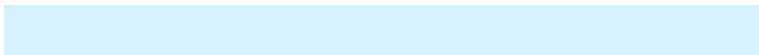
85.1619, 83.5751, 98.8319



82.1255, 83.5751, 75.9002



73.9720, 83.5751, 83.5914



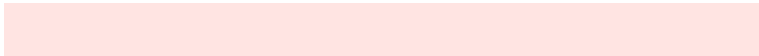
76.8051, 83.5751, 107.9782

Rectangle

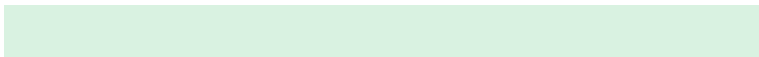
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1619, 83.5751, 98.8319



85.2033, 83.5751, 83.8210



73.9720, 83.5751, 83.5914



73.9343, 83.5751, 98.5757

Sweetspot

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



85.1643, 83.5787, 98.8337



92.3006, 95.0729, 106.2213



80.2781, 80.9333, 104.3204



19.6025, 20.0747, 22.5844



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.



85.1643, 83.5787, 98.8337



85.4557, 82.8749, 99.3404



83.4103, 82.8771, 89.5971



18.5535, 18.2047, 21.5321



25.9543, 12.8710, 24.2078



2.5747, 1.2723, 2.6080

Inverse Universe

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



85.1643, 83.5787, 98.8337



85.4557, 82.8749, 99.3404



84.3534, 93.6756, 102.2817



18.5535, 18.2047, 21.5321



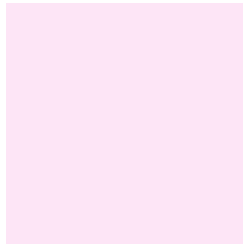
25.9543, 12.8710, 24.2078



2.5747, 1.2723, 2.6080

Previews

White Background



This preview shows how the XYZ color 85.1619, 83.5751, 98.8319 looks on a white background.

Color Contrast Check

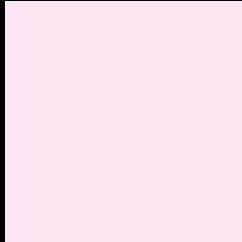
Large Text (above 18pt) WCAG AA × Fail

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 85.1619, 83.5751, 98.8319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

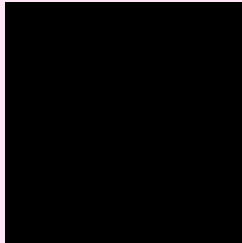
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1619, 83.5751, 98.8319

Background



This preview shows how black text looks on a background with the XYZ color 85.1619, 83.5751, 98.8319.



This preview shows how white text looks on a background with the XYZ color 85.1619, 83.5751,

98.8319.

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

85.1619, 83.5751, 98.8319

Protanopia

81.1138, 83.5181, 101.4680

Deuteranopia

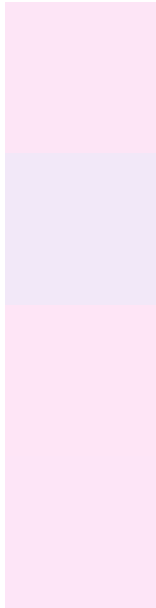
85.5269, 83.7633, 98.8490



Tritanopia

85.3158, 83.6367, 99.6426

Trichromacy



Original Color

85.1619, 83.5751, 98.8319

Protanomaly

82.4178, 83.3678, 100.5546

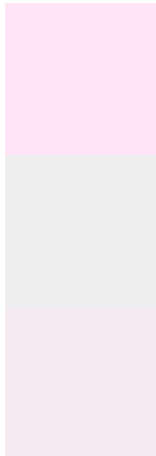
Deuteranomaly

85.5269, 83.7633, 98.8490

Tritanomaly

85.3158, 83.6367, 99.6426

Monochromacy



Original Color

85.1619, 83.5751, 98.8319

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.5477, 84.8222, 95.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1619, 83.5751, 98.8319 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(253, 229, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 229, 246)  
}
```

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(253, 229, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 229, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.1619, 83.5751, 98.8319 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(253, 229, 246) }
```


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

```
.border{ border-color:rgb(253, 229, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 229, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 229, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 229, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 229,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1619, 83.5751, 98.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 229, 246) }
```

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

```
.background{ background-color: rgb(253,  
229, 246) }
```

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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