

Converting Colors

XYZ(83.6382, 82.9659, 99.5344)

Have a look what the booklet for
XYZ(83.6382, 82.9659, 99.5344)
contains.

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Color

**XYZ(83.5192, 82.7105,
99.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E5F7
RGB	248, 229, 247
RGB Percent	97%, 90%, 97%
CMY	0.0274, 0.1019, 0.0314
CMYK	0.00, 0.08, 0.00, 0.03
HSL	303°, 58%, 94%
HSV	303°, 8%, 97%
XYZ	83.5192, 82.7105, 99.5585
YIQ	236.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

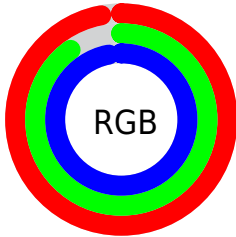
Format	Color
R _Y B	248, 229, 247
Decimal	16311799
CIE Lab	92.89, 9.57, -6.38
CIE LCh	93, 11.500, 326.288
Yxy	82.7105, 0.3142, 0.3112
Android (android.graphics.Color)	4294501879 (0xFF8E5F7)
YUV	236.7330, 5.0616, 9.8812
Hunter-Lab	90.9453, 4.7703, -1.2435

Details

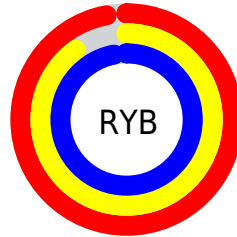
The XYZ color **83.5192, 82.7105, 99.5585** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1666, 89.5082, 87.9187**, and the grayscale version is **80.2524, 84.4317, 91.9462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2782, 45.2402, 55.5833** is the 20% darker color. If you saturate the color by 10%, you get **76.9416, 69.8755, 96.3764**, and if you desaturate by 10%, it is **91.0832, 97.5137, 103.0783**.

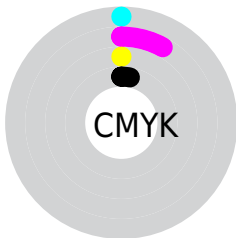
Distribution



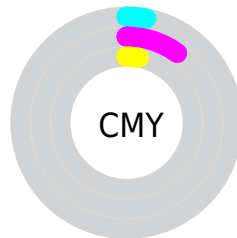
- Red (97%)
- Green (90%)
- Blue (97%)



- Red (97%)
- Yellow (90%)
- Blue (97%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.5192, 82.7105, 99.5585 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 83.5192, 82.7105, 99.5585 by changing the saturation by 10% instead.

83.5192, 82.7105,
99.5585

83.5192, 82.7105,
99.5585

495.2730,
504.0212, 580.0108

62.9369, 61.9514,
75.3170

137.2272,
137.1699, 162.5969

46.0486, 44.9934,
55.3694

171.0835,
171.6390, 202.2309

32.4890, 31.4522,
39.2969

210.0954,
211.4468, 247.8329

21.8926, 20.9434,
26.6812

254.6279,
256.9778, 299.8214

13.8942, 13.0827,
17.1036

305.0466,
308.6163, 358.6149

8.1283, 7.4855,
10.1457

361.7168,

4.2297, 3.7675,

366.7468, 424.6319

5.3888

425.0038,
431.7536, 498.2911

■ 1.8329, 1.5444,
2.4144

■ 0.5374, 0.3197,
0.7943

■ 83.5192, 82.7105,
99.5585

■ 83.5192, 82.7105,
99.5585

■ 76.9416, 69.8755,
96.3764

■ 91.0832, 97.5137,
103.0783

■ 71.3019, 58.9151,
93.5129

■ 91.6665, 98.3546,
104.2773

■ 66.5582, 49.7445,
90.9550

■ 91.8716, 98.4366,
105.3571

■ 62.6626, 42.2678,
88.6867

■ 92.0781, 98.5192,
106.4444

59.5627, 36.3804,
86.6905

92.2860, 98.6024,
107.5392

57.2005, 31.9661,
84.9472

92.4953, 98.6861,
108.6415

55.5099, 28.8927,
83.4345

92.5219, 98.6967,
108.7817

54.4131, 27.0048,
82.1267

53.8068, 26.0955,
80.9892

Harmonies

Analogous

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



81.2009, 82.7105, 105.7250



83.5192, 82.7105, 99.5585



84.5223, 82.7105, 91.1334

Triad

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



83.5192, 82.7105, 99.5585



78.9886, 82.7105, 74.5322



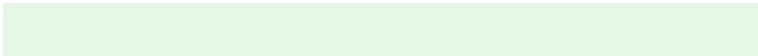
73.5460, 82.7105, 97.5876

Complementary

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



83.5192, 82.7105, 99.5585



80.1666, 89.5082, 87.9187

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.



72.9874, 82.7105, 88.9905



83.5192, 82.7105, 99.5585



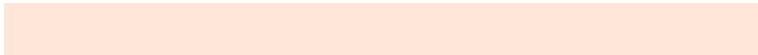
76.0824, 82.7105, 76.0201

Square

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



83.5192, 82.7105, 99.5585



81.8648, 82.7105, 76.9811



73.9044, 82.7105, 81.1814



75.4501, 82.7105, 104.5371

Rectangle

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



83.5192, 82.7105, 99.5585



84.2918, 82.7105, 85.4955



73.9044, 82.7105, 81.1814



73.1968, 82.7105, 94.7793

Sweetspot

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



83.5216, 82.7141, 99.5603



93.4013, 96.7718, 108.1374



77.5833, 79.6349, 100.0902



20.0090, 20.7470, 23.1539



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.



83.5216, 82.7141, 99.5603



87.9668, 86.1438, 105.5824



82.1000, 82.1454, 92.0742



17.9513, 17.5079, 21.5990



29.0250, 14.0257, 43.7016



2.7000, 1.3037, 4.1094

Inverse Universe

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



83.5216, 82.7141, 99.5603



87.9668, 86.1438, 105.5824



81.5299, 90.0535, 95.0980



17.9513, 17.5079, 21.5990



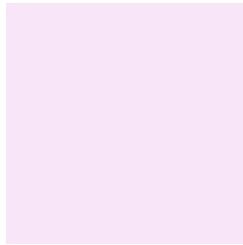
29.0250, 14.0257, 43.7016



2.7000, 1.3037, 4.1094

Previews

White Background



This preview shows how the XYZ color 83.5192, 82.7105, 99.5585 looks on a white background.

Color Contrast Check

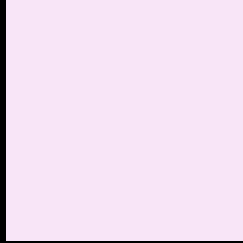
Large Text (above 18pt) WCAG AA × Fail

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 83.5192, 82.7105, 99.5585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

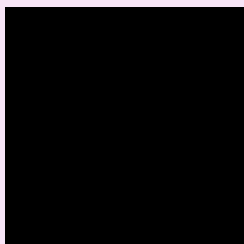
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5192, 82.7105, 99.5585

Background



This preview shows how black text looks on a background with the XYZ color 83.5192, 82.7105, 99.5585.



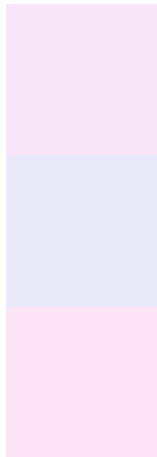
This preview shows how white text looks on a background with the XYZ color 83.5192, 82.7105,

99.5585.

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

83.5192, 82.7105, 99.5585

Protanopia

80.3259, 82.6724, 102.1662

Deuteranopia

84.6768, 82.8977, 99.5336



Tritanopia

83.5192, 82.7105, 99.5585

Trichromacy



Original Color

83.5192, 82.7105, 99.5585

Protanomaly

81.5521, 82.9035, 101.3263

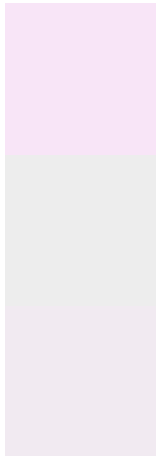
Deuteranomaly

84.3156, 82.7114, 99.5167

Tritanomaly

83.5192, 82.7105, 99.5585

Monochromacy



Original Color

83.5192, 82.7105, 99.5585

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5756, 83.8973, 95.1134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5192, 82.7105, 99.5585 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(248, 229, 247) looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 247)  
}
```

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(248, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 247) }
```

Border

The CSS property to change the border of an element to XYZ 83.5192, 82.7105, 99.5585 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(248, 229, 247) }
```


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

```
.border{ border-color:rgb(248, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5192, 82.7105, 99.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 247) }
```

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

```
.background{ background-color: rgb(248,  
229, 247) }
```

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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