

Converting Colors

XYZ(85.0234, 83.9727, 96.7330)

Have a look what the booklet for
XYZ(85.0234, 83.9727, 96.7330)
contains.

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Color

**XYZ(84.9825, 83.9473,
96.5184)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE6F3
RGB	253, 230, 243
RGB Percent	99%, 90%, 95%
CMY	0.0078, 0.0980, 0.0471
CMYK	0.00, 0.09, 0.04, 0.01
HSL	326°, 85%, 95%
HSV	326°, 9%, 99%
XYZ	84.9825, 83.9473, 96.5184
YIQ	238.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

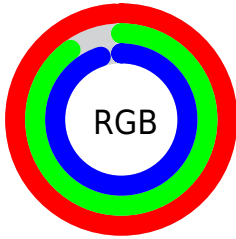
Format	Color
RYB	253, 230, 243
Decimal	16639731
CIELab	93.43, 10.02, -3.45
CIElCh	93, 10.598, 340.973
Yxy	83.9473, 0.3201, 0.3162
Android (android.graphics.Color)	4294829811 (0xFFFDE6F3)
YUV	238.3590, 2.2880, 12.8402
Hunter-Lab	91.6228, 5.2236, 1.6779

Details

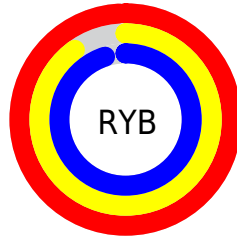
The XYZ color **84.9825, 83.9473, 96.5184** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4898, 93.3671, 96.0639**, and the grayscale version is **81.5258, 85.7715, 93.4052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8706, 45.5957, 53.3442** is the 20% darker color. If you saturate the color by 10%, you get **76.8350, 70.2310, 85.8498**, and if you desaturate by 10%, it is **94.1586, 99.5589, 108.0231**.

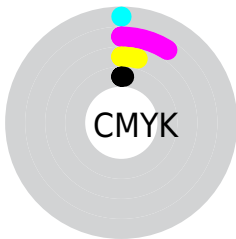
Distribution



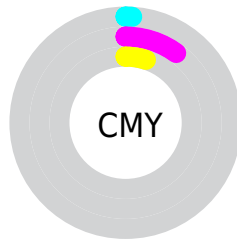
- Red (99%)
- Green (90%)
- Blue (95%)



- Red (99%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.9825, 83.9473, 96.5184 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 84.9825, 83.9473, 96.5184 by changing the saturation by 10% instead.


 84.9825, 83.9473,
96.5184

 84.9825, 83.9473,
96.5184


500.0547,
508.1382, 570.1227

 64.1494, 62.9719,
72.7955


139.2629,
138.9015, 158.3742

 47.0338, 45.8185,
53.3180

173.4408,
173.6490, 197.3443

 33.2704, 32.1026,
37.6672

212.7978,
213.7561, 242.2339

 22.4939, 21.4399,
25.4247

257.6991,
259.6071, 293.4614

 14.3389, 13.4459,
16.1718

308.5100,
311.5864, 351.4455

 8.4400, 7.7363,
9.4902

365.5961,

 4.4319, 3.9267,

370.0785, 416.6048

4.9611

429.3225,
435.4676, 489.3576

■ 1.9493, 1.6326,
2.1661

■ 0.6052, 0.3795,
0.6547

■ 84.9825, 83.9473,
96.5184

■ 84.9825, 83.9473,
96.5184

■ 76.8350, 70.2310,
85.8498

94.1586, 99.5589,
108.0231

■ 69.7609, 58.5062,
76.0208

94.3186, 99.6229,
108.8658

■ 63.7138, 48.6818,
67.0081

■ 58.6412, 40.6554,
58.7852

■ 54.4853, 34.3147,
51.3235

■ 51.1822, 29.5348,
44.5923

■ 48.6591, 26.1732,
38.5573

■ 46.8296, 24.0609,
33.1796

■ 45.5663, 22.9460,
28.4060

Harmonies

Analogous

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



83.3681, 83.9473, 103.5339



84.9825, 83.9473, 96.5184



85.1866, 83.9473, 88.5038

Triad

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



84.9825, 83.9473, 96.5184



78.7701, 83.9473, 77.1017



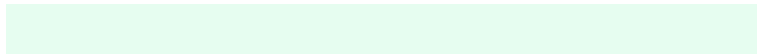
75.7972, 83.9473, 101.8805

Complementary

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



84.9825, 83.9473, 96.5184



83.4898, 93.3671, 96.0639

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.



74.6251, 83.9473, 94.3676



84.9825, 83.9473, 96.5184



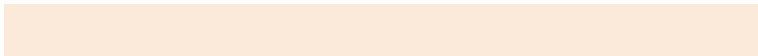
76.3146, 83.9473, 80.2612

Square

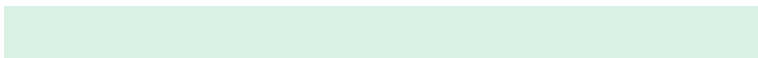
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



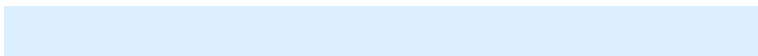
84.9825, 83.9473, 96.5184



81.5556, 83.9473, 77.6027



74.8123, 83.9473, 86.4742



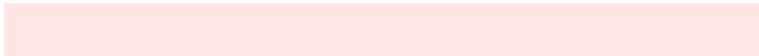
78.0488, 83.9473, 106.7524

Rectangle

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



84.9825, 83.9473, 96.5184



84.4901, 83.9473, 83.7045



74.8123, 83.9473, 86.4742



75.2663, 83.9473, 99.5624

Sweetspot

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



84.9849, 83.9510, 96.5202



92.1268, 95.0034, 105.3061



81.9535, 82.2089, 104.4783



19.5555, 20.0559, 22.3372



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

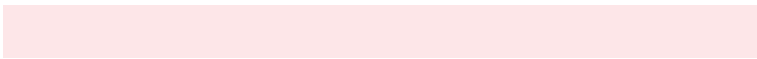
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9849, 83.9510, 96.5202



84.8432, 82.6299, 96.1148



83.3071, 83.2798, 87.6848



18.4394, 18.1591, 20.9311



24.2599, 12.1933, 15.2852



2.4170, 1.2092, 1.7773

Inverse Universe

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



84.9849, 83.9510, 96.5202



84.8432, 82.6299, 96.1148



85.2473, 94.0701, 105.3188



18.4394, 18.1591, 20.9311



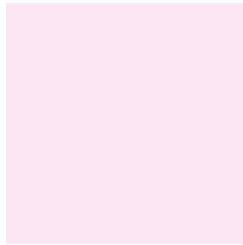
24.2599, 12.1933, 15.2852



2.4170, 1.2092, 1.7773

Previews

White Background



This preview shows how the XYZ color 84.9825, 83.9473, 96.5184 looks on a white background.

Color Contrast Check

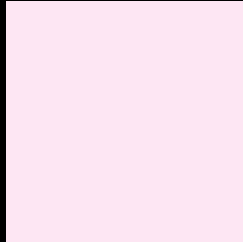
Large Text (above 18pt) WCAG AA × Fail

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 84.9825, 83.9473, 96.5184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

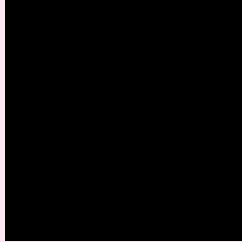
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9825, 83.9473, 96.5184

Background



This preview shows how black text looks on a background with the XYZ color 84.9825, 83.9473, 96.5184.

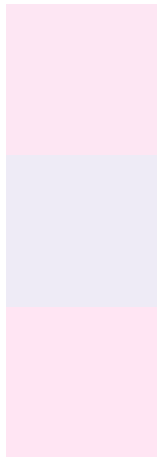


This preview shows how white text looks on a background with the XYZ color 84.9825, 83.9473,

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

84.9825, 83.9473, 96.5184

Protanopia

81.6028, 84.2476, 99.1493

Deuteranopia

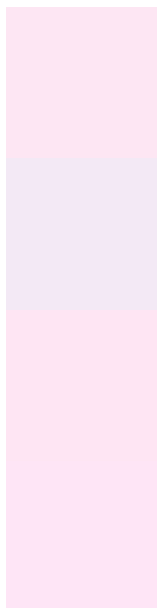
85.4370, 83.7697, 96.4602



Tritanopia

85.6809, 83.8249, 99.6596

Trichromacy



Original Color

84.9825, 83.9473, 96.5184

Protanomaly

82.5825, 83.9251, 98.2328

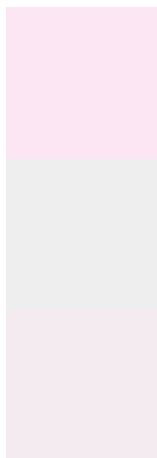
Deuteranomaly

85.0700, 83.5805, 96.4430

Tritanomaly

85.5269, 83.7633, 98.8490

Monochromacy



Original Color

84.9825, 83.9473, 96.5184

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.3987, 84.7626, 94.4560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9825, 83.9473, 96.5184 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, 230, 243) looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 243)  
}
```

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, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.9825, 83.9473, 96.5184 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, 230, 243) }
```


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

```
.border{ border-color:rgb(253, 230, 243) }
```

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

Here you see how a box with a 4 pixel rgb(253, 230, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9825, 83.9473, 96.5184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 243) }
```

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

```
.background{ background-color: rgb(253,  
230, 243) }
```

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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