

Converting Colors

XYZ(85.8823, 83.1152, 98.9812)

Have a look what the booklet for
XYZ(85.8823, 83.1152, 98.9812)
contains.

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Color

**XYZ(85.3436, 82.8520,
98.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F6
RGB	255, 227, 246
RGB Percent	100%, 89%, 96%
CMY	0.0000, 0.1098, 0.0353
CMYK	0.00, 0.11, 0.04, 0.00
HSL	319°, 100%, 95%
HSV	319°, 11%, 100%
XYZ	85.3436, 82.8520, 98.6827
YIQ	237.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

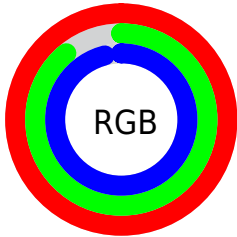
Format	Color
R_{YB}	255, 227, 246
Decimal	16770038
CIE _{Lab}	92.95, 12.76, -5.70
CIE _{LCh}	93, 13.977, 335.913
Yxy	82.8520, 0.3198, 0.3104
Android (android.graphics.Color)	4294960118 (0xFFFFE3F6)
YUV	237.5380, 4.1718, 15.3142
Hunter-Lab	91.0231, 8.0719, -0.5631

Details

The XYZ color **85.3436, 82.8520, 98.6827** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.5814, 93.9083, 93.1339**, and the grayscale version is **80.8758, 85.0876, 92.6604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3355, 45.2285, 54.9503** is the 20% darker color. If you saturate the color by 10%, you get **77.6487, 69.4312, 90.0475**, and if you desaturate by 10%, it is **94.1307, 98.3675, 107.9581**.

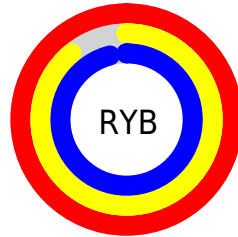
Distribution



Red (100%)

Green (89%)

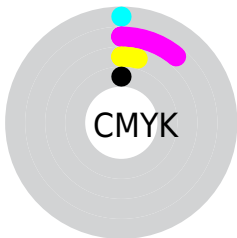
Blue (96%)



Red (100%)

Yellow (89%)

Blue (96%)

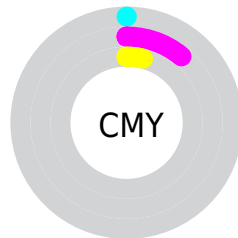


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3436, 82.8520, 98.6827 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 85.3436, 82.8520, 98.6827 by changing the saturation by 10% instead.

 85.3436, 82.8520,
98.6827

 85.3436, 82.8520,
98.6827


501.2309,
504.4931, 577.1715

 64.4488, 62.0681,
74.5901


139.7647,
137.3682, 161.3818

 47.2773, 45.0877,
54.7775


174.0217,
171.8692, 200.8254

 33.4638, 31.5265,
38.8262


213.4634,
211.7113, 246.2230

 22.6429, 21.0001,
26.3177

258.4552,
257.2790, 297.9933

 14.4493, 13.1241,
16.8336

309.3626,
308.9567, 356.5548

 8.5176, 7.5140,
9.9552

366.5507,

 4.4825, 3.7856,

367.1286, 422.3259

5.2641

430.3850,
432.1793, 495.7254

■ 1.9785, 1.5544,
2.3416

■ 0.6219, 0.3265,
0.7544

■ 85.3436, 82.8520,
98.6827

■ 85.3436, 82.8520,
98.6827

■ 77.6487, 69.4312,
90.0475

94.1307, 98.3675,
107.9581

■ 70.9944, 58.0042,
82.0286

95.0500, 100.0000,
108.9000

■ 65.3333, 48.4769,
74.6076

■ 60.6118, 40.7437,
67.7631

■ 56.7715, 34.6885,
61.4719

■ 53.7467, 30.1814,
55.7084

■ 51.4623, 27.0733,
50.4435

■ 49.8283, 25.1857,
45.6434

■ 48.7859, 24.2784,
41.6661

Harmonies

Analogous

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



82.9451, 82.8520, 107.5243



85.3436, 82.8520, 98.6827



85.9516, 82.8520, 88.1532

Triad

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



85.3436, 82.8520, 98.6827



78.0262, 82.8520, 71.6270



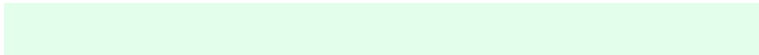
73.1896, 82.8520, 102.5466

Complementary

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



85.3436, 82.8520, 98.6827



82.5814, 93.9083, 93.1339

Split Complementary

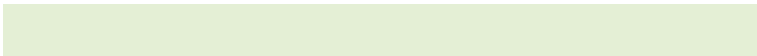
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9592, 82.8520, 92.3021



85.3436, 82.8520, 98.6827



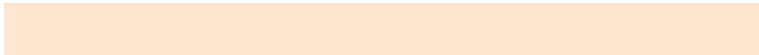
74.6956, 82.8520, 74.8651

Square

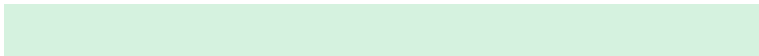
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



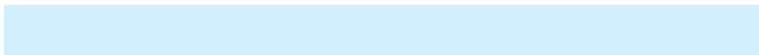
85.3436, 82.8520, 98.6827



81.6531, 82.8520, 73.0480



72.5019, 82.8520, 82.2400



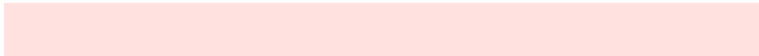
75.9133, 82.8520, 109.8731

Rectangle

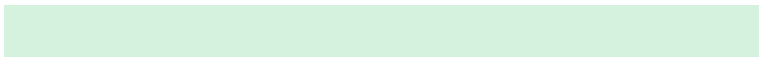
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3436, 82.8520, 98.6827



85.2438, 82.8520, 81.6946



72.5019, 82.8520, 82.2400



72.5916, 82.8520, 99.3012

Sweetspot

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



85.3455, 82.8554, 98.6845



92.2645, 95.0584, 106.0308



80.0699, 79.9722, 105.8238



19.5927, 20.0708, 22.5329



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

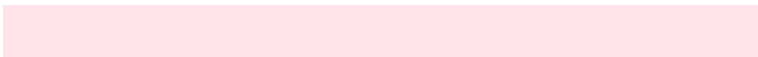
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3455, 82.8554, 98.6845



83.7029, 79.9755, 96.8873



83.2959, 82.0355, 87.8912



18.5297, 18.1952, 21.4064



25.5629, 12.7144, 22.1464



2.5389, 1.2579, 2.4194

Inverse Universe

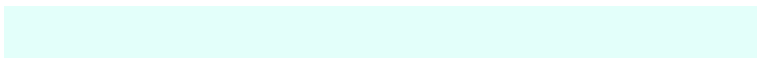
The Inverse Universe completely reimagines the original color for something new.



85.3455, 82.8554, 98.6845



83.7029, 79.9755, 96.8873



84.6750, 94.7457, 104.1587



18.5297, 18.1952, 21.4064



25.5629, 12.7144, 22.1464



2.5389, 1.2579, 2.4194

Previews

White Background



This preview shows how the XYZ color 85.3436, 82.8520, 98.6827 looks on a white background.

Color Contrast Check

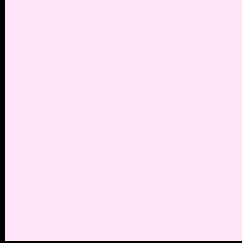
Large Text (above 18pt) WCAG AA × Fail

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 85.3436, 82.8520, 98.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

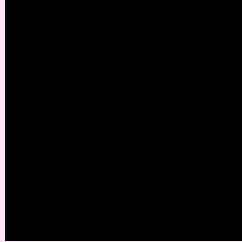
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3436, 82.8520, 98.6827

Background



This preview shows how black text looks on a background with the XYZ color 85.3436, 82.8520, 98.6827.



This preview shows how white text looks on a background with the XYZ color 85.3436, 82.8520,

98.6827.

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

85.3436, 82.8520, 98.6827

Protanopia

80.6552, 82.8421, 102.1816

Deuteranopia

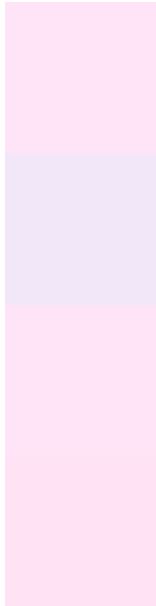
84.8860, 83.0233, 98.7399



Tritanopia

85.1905, 82.7907, 97.8764

Trichromacy



Original Color

85.3436, 82.8520, 98.6827

Protanomaly

82.2927, 82.8686, 101.2805

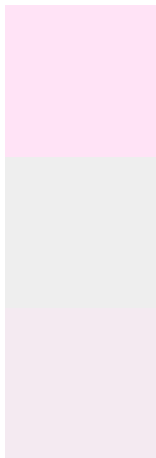
Deuteranomaly

85.2510, 83.2115, 98.7570

Tritanomaly

85.1905, 82.7907, 97.8764

Monochromacy



Original Color

85.3436, 82.8520, 98.6827

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.6082, 84.4296, 95.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3436, 82.8520, 98.6827 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, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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(255, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.3436, 82.8520, 98.6827 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, 227, 246) }
```


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

```
.border{ border-color:rgb(255, 227, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3436, 82.8520, 98.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 246) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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