

Converting Colors

XYZ(85.6454, 81.8434,
103.7531)

Have a look what the booklet for
XYZ(85.6454, 81.8434, 103.7531)
contains.

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Color

**XYZ(85.4663, 81.5996,
103.3412)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0FC
RGB	255, 224, 252
RGB Percent	100%, 88%, 99%
CMY	0.0000, 0.1215, 0.0118
CMYK	0.00, 0.12, 0.01, 0.00
HSL	306°, 100%, 94%
HSV	306°, 12%, 100%
XYZ	85.4663, 81.5996, 103.3412
YIQ	236.4610, 9.4880, 15.2800

Conversions

Conversions Part 2

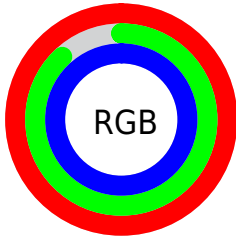
Format	Color
R_{YB}	255, 224, 252
Decimal	16769276
CIE _{Lab}	92.40, 15.37, -9.65
CIE _{LCh}	92, 18.150, 327.864
Yxy	81.5996, 0.3161, 0.3018
Android (android.graphics.Color)	4294959356 (0xFFFFE0FC)
YUV	236.4610, 7.6607, 16.2587
Hunter-Lab	90.3325, 10.8024, -4.5956

Details

The XYZ color **85.4663, 81.5996, 103.3412** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.3681, 92.9145, 86.3748**, and the grayscale version is **80.0218, 84.1892, 91.6820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3270, 44.3218, 57.6903** is the 20% darker color. If you saturate the color by 10%, you get **78.7323, 68.7528, 99.1812**, and if you desaturate by 10%, it is **93.2368, 96.5104, 107.8740**.

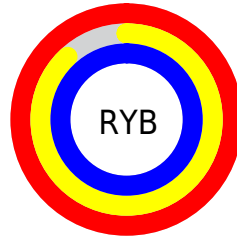
Distribution



Red (100%)

Green (88%)

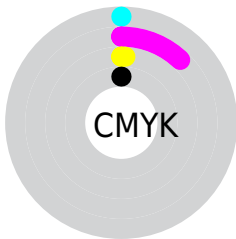
Blue (99%)



Red (100%)

Yellow (88%)

Blue (99%)

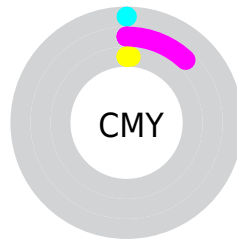


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4663, 81.5996, 103.3412 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 85.4663, 81.5996, 103.3412 by changing the saturation by 10% instead.


 85.4663, 81.5996,
103.3412

 85.4663, 81.5996,
103.3412

501.6302,
500.3074, 592.1905

 64.5505, 61.0355,
78.4615


139.9352,
135.6124, 167.8330

 47.3601, 44.2539,
57.9344


174.2189,
169.8299, 208.2822

 33.5295, 30.8701,
41.3416

213.6895,
209.3673, 254.7582

 22.6936, 20.5000,
28.2644

258.7120,
254.6091, 307.6796

 14.4869, 12.7590,
18.2843

309.6521,
305.9396, 367.4651

 8.5440, 7.2628,
10.9827

366.8749,

 4.4997, 3.6270,

363.7432, 434.5330

5.9412

430.7458,
428.4043, 509.3019

■ 1.9885, 1.4672,
2.7411

■ 0.6275, 0.2655,
0.9640

■ 85.4663, 81.5996,
103.3412

■ 85.4663, 81.5996,
103.3412

■ 78.7323, 68.7528,
99.1812

■ 93.2368, 96.5104,
107.8740

■ 72.9836, 57.8690,
95.3734

95.0500, 100.0000,
108.9000

■ 68.1730, 48.8533,
91.9032

■ 64.2473, 41.5994,
88.7527

■ 61.1478, 35.9898,
85.9023

■ 58.8088, 31.8933,
83.3300

■ 57.1545, 29.1583,
81.0104

■ 56.0935, 27.6018,
78.9129

■ 55.5693, 26.9917,
77.3870

Harmonies

Analogous

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



81.8596, 81.5996, 113.7539



85.4663, 81.5996, 103.3412



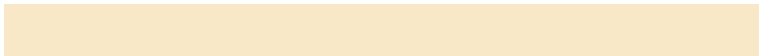
86.9455, 81.5996, 89.8164

Triad

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



85.4663, 81.5996, 103.3412



77.8953, 81.5996, 65.4094



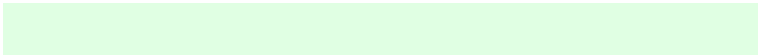
69.8386, 81.5996, 101.5040

Complementary

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



85.4663, 81.5996, 103.3412



80.3681, 92.9145, 86.3748

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.



68.8717, 81.5996, 87.8868



85.4663, 81.5996, 103.3412



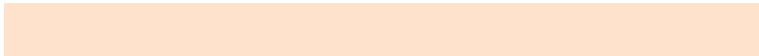
73.4098, 81.5996, 67.8720

Square

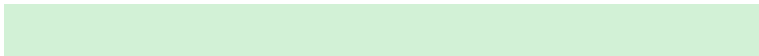
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



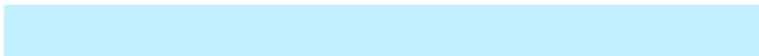
85.4663, 81.5996, 103.3412



82.4659, 81.5996, 68.6814



70.1532, 81.5996, 75.7776



72.8487, 81.5996, 112.6200

Rectangle

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



85.4663, 81.5996, 103.3412



86.4828, 81.5996, 81.1416



70.1532, 81.5996, 75.7776



69.2693, 81.5996, 97.0277

Sweetspot

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



85.4682, 81.6029, 103.3429



91.7234, 93.6005, 107.0094



76.2562, 76.7986, 105.4122



19.5028, 19.7849, 22.8298



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.



85.4682, 81.6029, 103.3429



83.4483, 77.7409, 102.1218



83.1716, 80.6843, 91.2496



18.7124, 18.2683, 22.3688



29.0672, 14.1162, 40.5998



2.8513, 1.3829, 4.0642

Inverse Universe

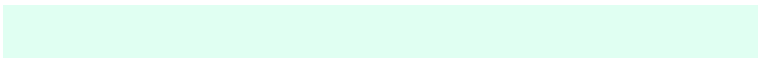
The Inverse Universe completely reimagines the original color for something new.



85.4682, 81.6029, 103.3429



83.4483, 77.7409, 102.1218



82.5422, 93.7842, 97.8237



18.7124, 18.2683, 22.3688



29.0672, 14.1162, 40.5998



2.8513, 1.3829, 4.0642

Previews

White Background



This preview shows how the XYZ color 85.4663, 81.5996, 103.3412 looks on a white background.

Color Contrast Check

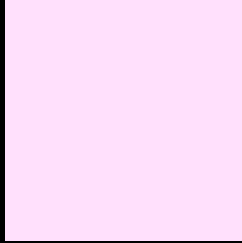
Large Text (above 18pt) WCAG AA × Fail

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 85.4663, 81.5996, 103.3412 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 85.4663, 81.5996, 103.3412

Background



This preview shows how black text looks on a background with the XYZ color 85.4663, 81.5996, 103.3412.

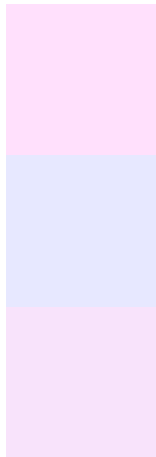


This preview shows how white text looks on a background with the XYZ color 85.4663, 81.5996,

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

85.4663, 81.5996, 103.3412

Protanopia

79.8616, 81.9221, 106.2111

Deuteranopia

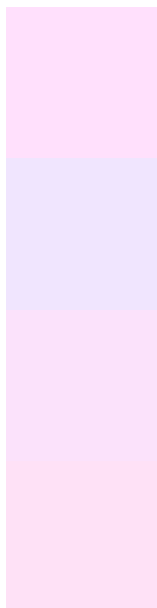
83.5931, 81.8597, 102.6615



Tritanopia

83.9759, 81.3923, 96.0783

Trichromacy



Original Color

85.4663, 81.5996, 103.3412

Protanomaly

81.8439, 81.7196, 105.2258

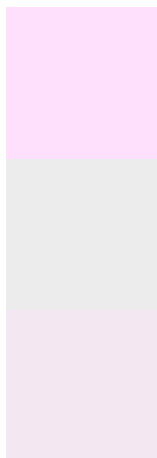
Deuteranomaly

84.3926, 81.8670, 102.6207

Tritanomaly

84.4328, 81.5751, 98.4843

Monochromacy



Original Color

85.4663, 81.5996, 103.3412

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.8458, 83.1787, 95.7458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4663, 81.5996, 103.3412 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, 224, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 252)  
}
```

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, 224, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.4663, 81.5996, 103.3412 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, 224, 252) }
```


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

```
.border{ border-color:rgb(255, 224, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4663, 81.5996, 103.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 252) }
```

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

```
.background{ background-color: rgb(255,  
224, 252) }
```

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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