

Converting Colors

XYZ(102.5109, 88.5994,
195.2629)

Have a look what the booklet for
XYZ(102.5109, 88.5994, 195.2629)
contains.

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Color

**XYZ(85.4832, 81.9531,
105.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE1FF
RGB	253, 225, 255
RGB Percent	99%, 88%, 100%
CMY	0.0078, 0.1176, 0.0000
CMYK	0.01, 0.12, 0.00, 0.00
HSL	296°, 100%, 94%
HSV	296°, 12%, 100%
XYZ	85.4832, 81.9531, 105.9208
YIQ	236.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

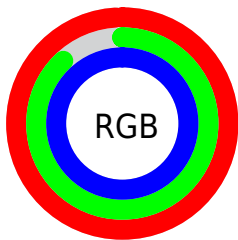
Format	Color
R _Y B	253, 225, 255
Decimal	16638463
CIE Lab	92.55, 14.73, -11.01
CIE LCh	93, 18.387, 323.226
Yxy	81.9531, 0.3127, 0.2998
Android (android.graphics.Color)	4294828543 (0xFFFDE1FF)
YUV	236.7920, 8.9765, 14.2144
Hunter-Lab	90.5280, 10.1290, -6.0018

Details

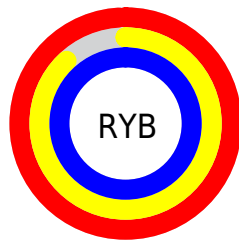
The XYZ color **85.4832, 81.9531, 105.9208** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.0313, 93.2882, 84.9740**, and the grayscale version is **80.2676, 84.4478, 91.9637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3327, 44.5624, 59.5328** is the 20% darker color. If you saturate the color by 10%, you get **78.4828, 68.8655, 103.7636**, and if you desaturate by 10%, it is **93.5229, 97.1093, 108.4225**.

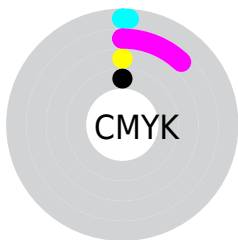
Distribution



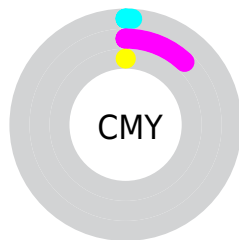
- Red (99%)
- Green (88%)
- Blue (100%)



- Red (99%)
- Yellow (88%)
- Blue (100%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4832, 81.9531, 105.9208 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 85.4832, 81.9531, 105.9208 by changing the saturation by 10% instead.

85.4832, 81.9531,
105.9208

85.4832, 81.9531,
105.9208

501.6852,
501.4908, 600.4211

64.5645, 61.3269,
80.6100

139.9586,
136.1082, 171.3928

47.3715, 44.4890,
59.6914

174.2461,
170.4059, 212.3911

33.5386, 31.0551,
42.7462

213.7206,
210.0296, 259.4556

22.7006, 20.6408,
29.3561

258.7474,
255.3636, 313.0050

14.4920, 12.8617,
19.1025

309.6919,
306.7923, 373.4577

8.5477, 7.3334,
11.5668

366.9195,

4.5021, 3.6715,

364.7001, 441.2322

6.3305

430.7955,
429.4715, 516.7472

■ 1.9899, 1.4915,
2.9750

■ 0.6283, 0.2828,
1.0819

■ 85.4832, 81.9531,
105.9208

■ 85.4832, 81.9531,
105.9208

■ 78.4828, 68.8655,
103.7636

■ 93.5229, 97.1093,
108.4225

■ 72.4696, 57.7452,
101.9341

95.0500, 100.0000,
108.9000

■ 67.3970, 48.4979,
100.4166

■ 63.2119, 41.0174,
99.1933

■ 59.8559, 35.1870,
98.2448

■ 57.2635, 30.8760,
97.5493

■ 55.3596, 27.9336,
97.0817

■ 54.0533, 26.1786,
96.8118

■ 53.3133, 25.3989,
96.7003

Harmonies

Analogous

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



81.5716, 81.9531, 115.6474



85.4832, 81.9531, 105.9208



87.3729, 81.9531, 92.3711

Triad

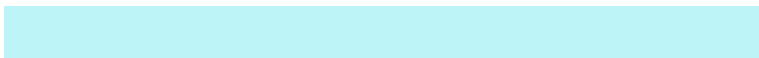
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4832, 81.9531, 105.9208



78.9821, 81.9531, 65.5830



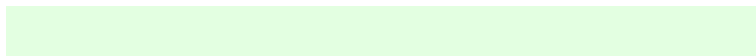
69.7566, 81.9531, 100.0109

Complementary

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



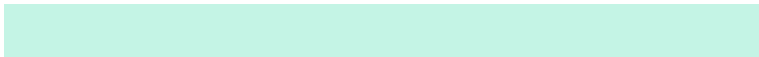
85.4832, 81.9531, 105.9208



81.0313, 93.2882, 84.9740

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.



69.1266, 81.9531, 86.1668



85.4832, 81.9531, 105.9208



74.3285, 81.9531, 67.1821

Square

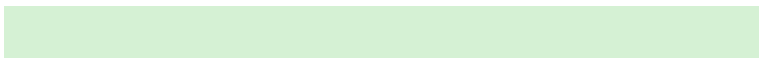
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4832, 81.9531, 105.9208



83.5216, 81.9531, 69.7821



70.7678, 81.9531, 74.3970



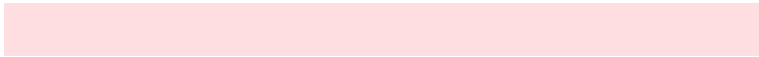
72.5250, 81.9531, 111.9991

Rectangle

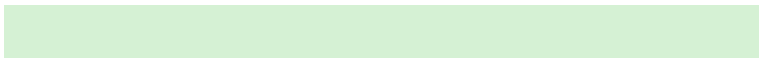
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4832, 81.9531, 105.9208



87.1793, 81.9531, 83.3504



70.7678, 81.9531, 74.3970



69.2925, 81.9531, 95.3861

Sweetspot

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



85.4854, 81.9565, 105.9214



91.6323, 93.5352, 107.8323



76.5738, 78.1697, 105.6601



19.4796, 19.7683, 23.0389



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.



85.4854, 81.9565, 105.9214



83.8302, 78.8514, 105.4093



84.1942, 81.5246, 95.3047



18.6661, 18.2351, 22.7859



27.9083, 13.2977, 50.5304



2.7519, 1.3126, 4.9216

Inverse Universe

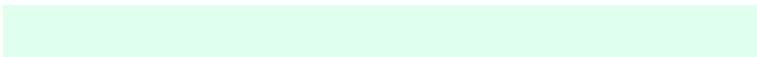
The Inverse Universe completely reimagines the original color for something new.



82.0325, 80.6599, 83.9215



79.7916, 77.3364, 79.6036



82.2463, 93.7017, 94.6429



18.0585, 18.0067, 18.9250



21.6198, 11.1372, 1.3823



2.1214, 1.0909, 0.2207

Previews

White Background



This preview shows how the XYZ color 85.4832, 81.9531, 105.9208 looks on a white background.

Color Contrast Check

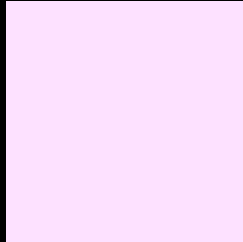
Large Text (above 18pt) WCAG AA × Fail

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 85.4832, 81.9531, 105.9208 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 85.4832, 81.9531, 105.9208

Background



This preview shows how black text looks on a background with the XYZ color 85.4832, 81.9531, 105.9208.



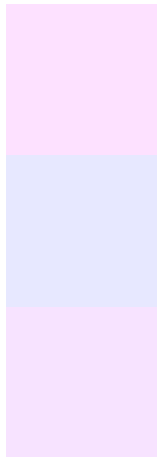
This preview shows how white text looks on a background with the XYZ color 85.4832, 81.9531,

105.9208.

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

85.4832, 81.9531, 105.9208

Protanopia

79.8616, 81.9221, 106.2111

Deuteranopia

83.8769, 81.9323, 106.0015



Tritanopia

83.7342, 82.0400, 97.8082

Trichromacy



Original Color

85.4832, 81.9531, 105.9208

Protanomaly

81.6659, 81.6093, 106.0557

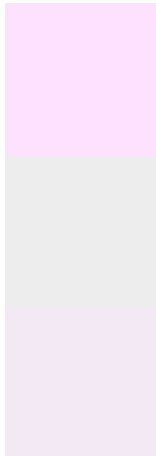
Deuteranomaly

84.3133, 81.7524, 105.9438

Tritanomaly

84.4401, 81.9277, 100.9857

Monochromacy



Original Color

85.4832, 81.9531, 105.9208

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.4302, 83.8642, 97.4308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4832, 81.9531, 105.9208 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 225, 255)  
}
```

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, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.4832, 81.9531, 105.9208 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, 225, 255) }
```


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

```
.border{ border-color:rgb(253, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4832, 81.9531, 105.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 225, 255) }
```

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

```
.background{ background-color: rgb(253,  
225, 255) }
```

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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