

Converting Colors

XYZ(114.8019, 96.4730,
106.3840)

Have a look what the booklet for
XYZ(114.8019, 96.4730, 106.3840)
contains.

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Color

**XYZ(85.5171, 81.1911,
104.9301)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFFE
RGB	255, 223, 254
RGB Percent	100%, 87%, 100%
CMY	0.0000, 0.1255, 0.0039
CMYK	0.00, 0.13, 0.00, 0.00
HSL	302°, 100%, 94%
HSV	302°, 13%, 100%
XYZ	85.5171, 81.1911, 104.9301
YIQ	236.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 223, 254
Decimal	16769022
CIE _{Lab}	92.22, 16.25, -10.97
CIE _{LCh}	92, 19.603, 325.973
Yxy	81.1911, 0.3148, 0.2989
Android (android.graphics.Color)	4294959102 (0xFFFFDFFE)
YUV	236.1020, 8.8237, 16.5735
Hunter-Lab	90.1061, 11.7235, -5.9699

Details

The XYZ color **85.5171, 81.1911, 104.9301** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.6483, 92.5909, 84.1981**, and the grayscale version is **79.7382, 83.8908, 91.3571**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3694, 44.0422, 58.8277** is the 20% darker color. If you saturate the color by 10%, you get **79.0837, 68.5275, 102.1592**, and if you desaturate by 10%, it is **92.9805, 95.9132, 108.0492**.

Distribution



- Red (100%)
- Green (87%)
- Blue (100%)



- Red (100%)
- Yellow (87%)
- Blue (100%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5171, 81.1911, 104.9301 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 85.5171, 81.1911, 104.9301 by changing the saturation by 10% instead.


 85.5171, 81.1911,
104.9301

 85.5171, 81.1911,
104.9301

501.7955,
498.9379, 597.2672

 64.5927, 60.6990,
79.7845


140.0057,
135.0391, 170.0267

 47.3943, 43.9823,
59.0159


174.3006,
169.1637, 210.8147

 33.5567, 30.6566,
42.2058


213.7830,
208.6013, 257.6539

 22.7146, 20.3375,
28.9357

258.8183,
253.7363, 310.9629

 14.5024, 12.6406,
18.7870

309.7719,
304.9531, 371.1602

 8.5550, 7.1815,
11.3412

367.0090,

 4.5068, 3.5759,

362.6360, 438.6643

6.1798

430.8951,
427.1695, 513.8938

■ 1.9927, 1.4393,
2.8842

■ 0.6298, 0.2454,
1.0358

■ 85.5171, 81.1911,
104.9301

■ 85.5171, 81.1911,
104.9301

■ 79.0837, 68.5275,
102.1592

■ 92.9805, 95.9132,
108.0492

■ 73.6293, 57.8215,
99.7161

95.0500, 100.0000,
108.9000

■ 69.1065, 48.9779,
97.5861

■ 65.4619, 41.8897,
95.7515

■ 62.6367, 36.4393,
94.1926

■ 60.5647, 32.4947,
92.8873

■ 59.1697, 29.9033,
91.8104

■ 58.3595, 28.4806,
90.9309

■ 58.0348, 27.9779,
90.3702

Harmonies

Analogous

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



81.5095, 81.1911, 115.8933



85.5171, 81.1911, 104.9301



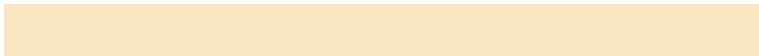
87.2874, 81.1911, 90.3746

Triad

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



85.5171, 81.1911, 104.9301



77.8550, 81.1911, 63.4196



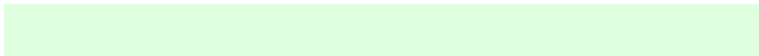
68.7494, 81.1911, 101.1762

Complementary

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



85.5171, 81.1911, 104.9301



79.6483, 92.5909, 84.1981

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.



67.8657, 81.1911, 86.4609



85.5171, 81.1911, 104.9301



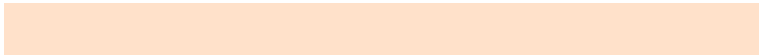
72.9868, 81.1911, 65.6453

Square

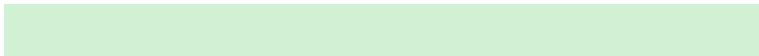
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5171, 81.1911, 104.9301



82.7431, 81.1911, 67.2630



69.3840, 81.1911, 73.7099



71.8524, 81.1911, 113.5651

Rectangle

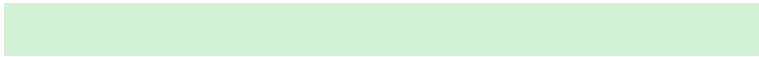
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5171, 81.1911, 104.9301



86.9063, 81.1911, 80.9553



69.3840, 81.1911, 73.7099



68.1889, 81.1911, 96.2947

Sweetspot

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



85.5188, 81.1943, 104.9318



91.8307, 93.6434, 107.5742



75.0370, 75.7722, 105.2784



19.5300, 19.7958, 22.9733



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.



85.5188, 81.1943, 104.9318



83.8468, 77.9003, 104.2203



83.1309, 80.2391, 92.3574



18.7667, 18.2900, 22.6548



30.3354, 14.6235, 47.2782



2.9611, 1.4268, 4.6423

Inverse Universe

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



85.5188, 81.1943, 104.9318



83.8468, 77.9003, 104.2203



81.8525, 93.4726, 95.8052



18.7667, 18.2900, 22.6548



30.3354, 14.6235, 47.2782



2.9611, 1.4268, 4.6423

Previews

White Background



This preview shows how the XYZ color 85.5171, 81.1911, 104.9301 looks on a white background.

Color Contrast Check

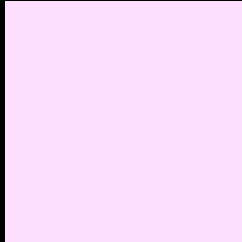
Large Text (above 18pt) WCAG AA × Fail

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 85.5171, 81.1911, 104.9301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

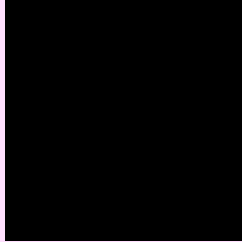
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5171, 81.1911, 104.9301

Background



This preview shows how black text looks on a background with the XYZ color 85.5171, 81.1911, 104.9301.



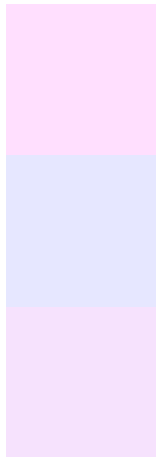
This preview shows how white text looks on a background with the XYZ color 85.5171, 81.1911,

104.9301.

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

85.5171, 81.1911, 104.9301

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

82.9320, 81.0774, 104.2070



Tritanopia

83.6109, 81.2041, 96.0612

Trichromacy



Original Color

85.5171, 81.1911, 104.9301

Protanomaly

81.3900, 81.0575, 105.9637

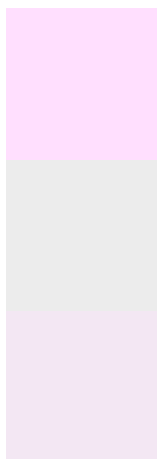
Deuteranomaly

83.7218, 81.0820, 104.1663

Tritanomaly

84.3172, 81.0975, 99.2051

Monochromacy



Original Color

85.5171, 81.1911, 104.9301

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.7157, 82.6776, 96.4455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5171, 81.1911, 104.9301 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, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 254)  
}
```

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, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 254) }
```

Border

The CSS property to change the border of an element to XYZ 85.5171, 81.1911, 104.9301 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, 223, 254) }
```


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

```
.border{ border-color:rgb(255, 223, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5171, 81.1911, 104.9301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 254) }
```

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

```
.background{ background-color: rgb(255,  
223, 254) }
```

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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