

Converting Colors

XYZ(85.2884, 81.7006,
101.8732)

Have a look what the booklet for
XYZ(85.2884, 81.7006, 101.8732)
contains.

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Color

**XYZ(85.1510, 81.4734,
101.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0FA
RGB	255, 224, 250
RGB Percent	100%, 88%, 98%
CMY	0.0000, 0.1215, 0.0196
CMYK	0.00, 0.12, 0.02, 0.00
HSL	310°, 100%, 94%
HSV	310°, 12%, 100%
XYZ	85.1510, 81.4734, 101.6805
YIQ	236.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

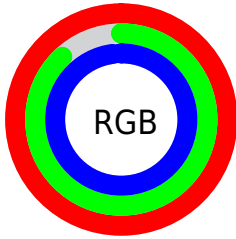
Format	Color
R_{YB}	255, 224, 250
Decimal	16769274
CIE _{Lab}	92.34, 15.02, -8.69
CIE _{LCh}	92, 17.351, 329.934
Yxy	81.4734, 0.3174, 0.3037
Android (android.graphics.Color)	4294959354 (0xFFFFE0FA)
YUV	236.2330, 6.7871, 16.4587
Hunter-Lab	90.2626, 10.4319, -3.6061

Details

The XYZ color **85.1510, 81.4734, 101.6805** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.6457, 93.0256, 87.8371**, and the grayscale version is **79.8531, 84.0116, 91.4887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2143, 44.2767, 57.0967** is the 20% darker color. If you saturate the color by 10%, you get **78.1674, 68.5268, 96.2066**, and if you desaturate by 10%, it is **93.1799, 96.4875, 107.5745**.

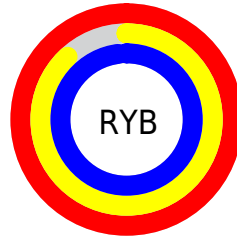
Distribution



Red (100%)

Green (88%)

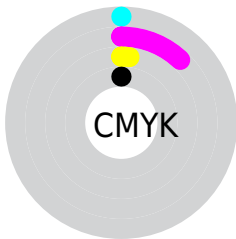
Blue (98%)



Red (100%)

Yellow (88%)

Blue (98%)

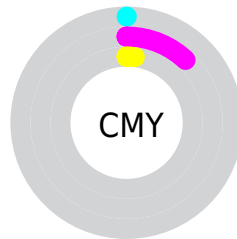


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1510, 81.4734, 101.6805 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 85.1510, 81.4734, 101.6805 by changing the saturation by 10% instead.

 85.1510, 81.4734,
101.6805

 85.1510, 81.4734,
101.6805


500.6037,
499.8845, 586.8598

 64.2891, 60.9316,
77.0800


139.4971,
135.4353, 165.5366

 47.1474, 44.1699,
56.8066


173.7119,
169.6241, 205.6294

 33.3606, 30.8041,
40.4417

213.1084,
209.1307, 251.7234

 22.5634, 20.4497,
27.5667

258.0520,
254.3396, 304.2370

 14.3904, 12.7224,
17.7631

308.9080,
305.6349, 363.5890

 8.4762, 7.2377,
10.6123

366.0417,

 4.4555, 3.6112,

363.4013, 430.1977

5.6959

429.8185,
428.0230, 504.4818

■ 1.9629, 1.4585,
2.5953

■ 0.6130, 0.2593,
0.8900

■ 85.1510, 81.4734,
101.6805

■ 85.1510, 81.4734,
101.6805

■ 78.1674, 68.5268,
96.2066

■ 93.1799, 96.4875,
107.5745

■ 72.1781, 57.5467,
91.1320

95.0500, 100.0000,
108.9000

■ 67.1358, 48.4384,
86.4416

■ 62.9872, 41.0953,
82.1170

■ 59.6735, 35.4000,
78.1385

■ 57.1289, 31.2213,
74.4834

■ 55.2775, 28.4075,
71.1262

■ 54.0279, 26.7756,
68.0358

■ 53.3617, 26.1087,
65.7620

Harmonies

Analogous

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



81.8256, 81.4734, 111.9037



85.1510, 81.4734, 101.6805



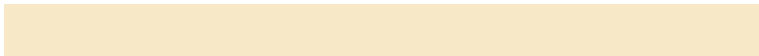
86.3942, 81.4734, 88.7390

Triad

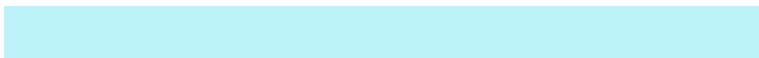
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1510, 81.4734, 101.6805



77.4479, 81.4734, 66.2157



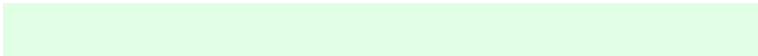
70.1962, 81.4734, 101.6268

Complementary

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



85.1510, 81.4734, 101.6805



80.6457, 93.0256, 87.8371

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.



69.1232, 81.4734, 88.6824



85.1510, 81.4734, 101.6805



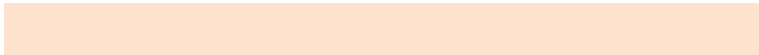
73.2102, 81.4734, 68.9664

Square

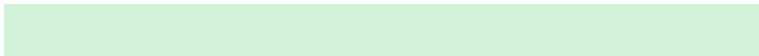
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1510, 81.4734, 101.6805



81.8433, 81.4734, 68.9904



70.2055, 81.4734, 76.8935



73.1937, 81.4734, 111.8707

Rectangle

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



85.1510, 81.4734, 101.6805



85.8391, 81.4734, 80.5466



70.2055, 81.4734, 76.8935



69.6038, 81.4734, 97.4086

Sweetspot

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



85.1528, 81.4766, 101.6822



91.6182, 93.5584, 106.4551



76.9103, 77.1357, 105.4428



19.4761, 19.7742, 22.6890



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.



85.1528, 81.4766, 101.6822



83.0610, 77.5860, 100.0825



82.8715, 80.5641, 89.6691



18.6594, 18.2471, 22.0896



27.9296, 13.6611, 34.6093



2.7516, 1.3430, 3.5392

Inverse Universe

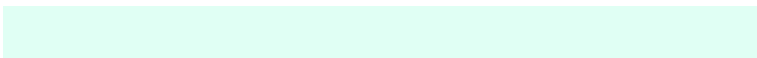
The Inverse Universe completely reimagines the original color for something new.



85.1528, 81.4766, 101.6822



83.0610, 77.5860, 100.0825



82.8545, 93.9091, 99.4684



18.6594, 18.2471, 22.0896



27.9296, 13.6611, 34.6093



2.7516, 1.3430, 3.5392

Previews

White Background



This preview shows how the XYZ color 85.1510, 81.4734, 101.6805 looks on a white background.

Color Contrast Check

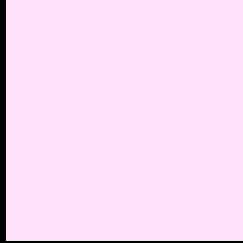
Large Text (above 18pt) WCAG AA × Fail

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 85.1510, 81.4734, 101.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

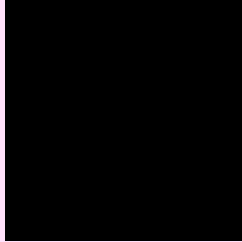
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1510, 81.4734, 101.6805

Background



This preview shows how black text looks on a background with the XYZ color 85.1510, 81.4734, 101.6805.



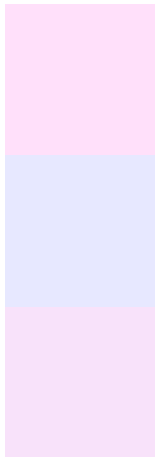
This preview shows how white text looks on a background with the XYZ color 85.1510, 81.4734,

101.6805.

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

85.1510, 81.4734, 101.6805

Protanopia

79.8616, 81.9221, 106.2111

Deuteranopia

83.1631, 81.2513, 101.7424



Tritanopia

83.9759, 81.3923, 96.0783

Trichromacy



Original Color

85.1510, 81.4734, 101.6805

Protanomaly

81.6841, 81.6557, 104.3844

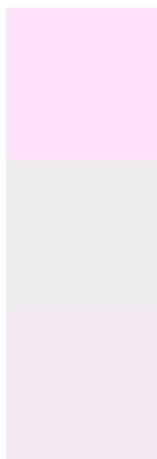
Deuteranomaly

83.9642, 81.2618, 101.7022

Tritanomaly

84.4328, 81.5751, 98.4843

Monochromacy



Original Color

85.1510, 81.4734, 101.6805

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.6959, 83.1188, 94.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1510, 81.4734, 101.6805 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.1510, 81.4734, 101.6805 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, 250) }
```


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

```
.border{ border-color:rgb(255, 224, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1510, 81.4734, 101.6805 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
224, 250) }
```

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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