

Converting Colors

XYZ(85.2728, 81.0961,
103.6355)

Have a look what the booklet for
XYZ(85.2728, 81.0961, 103.6355)
contains.

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Color

**XYZ(85.1984, 81.0636,
103.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFFC
RGB	255, 223, 252
RGB Percent	100%, 87%, 99%
CMY	0.0000, 0.1255, 0.0118
CMYK	0.00, 0.13, 0.01, 0.00
HSL	306°, 100%, 94%
HSV	306°, 13%, 100%
XYZ	85.1984, 81.0636, 103.2519
YIQ	235.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

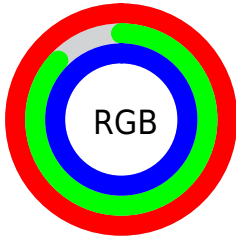
Format	Color
R _Y B	255, 223, 252
Decimal	16769020
CIE Lab	92.16, 15.89, -10.01
CIE LCh	92, 18.779, 327.795
Yxy	81.0636, 0.3161, 0.3008
Android (android.graphics.Color)	4294959100 (0xFFFFDFFC)
YUV	235.8740, 7.9501, 16.7735
Hunter-Lab	90.0353, 11.3487, -4.9686

Details

The XYZ color **85.1984, 81.0636, 103.2519** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.9212, 92.7001, 85.6352**, and the grayscale version is **79.5699, 83.7138, 91.1643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1417, 43.9512, 57.6285** is the 20% darker color. If you saturate the color by 10%, you get **78.5157, 68.3004, 99.1686**, and if you desaturate by 10%, it is **92.9153, 95.8871, 107.7058**.

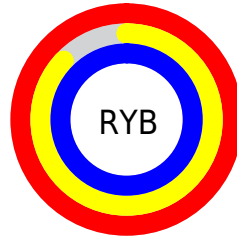
Distribution



Red (100%)

Green (87%)

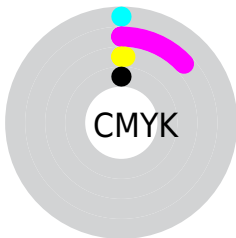
Blue (99%)



Red (100%)

Yellow (87%)

Blue (99%)

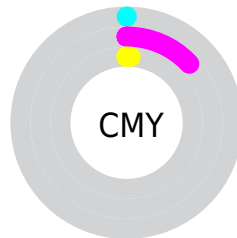


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1984, 81.0636, 103.2519 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 85.1984, 81.0636, 103.2519 by changing the saturation by 10% instead.


 85.1984, 81.0636,
103.2519

 85.1984, 81.0636,
103.2519


500.7581,
498.5100, 591.9045

 64.3284, 60.5940,
78.3871


139.5629,
134.8601, 167.7096

 47.1794, 43.8976,
57.8737


173.7881,
168.9557, 208.1397

 33.3860, 30.5900,
41.2931

213.1958,
208.3621, 254.5952

 22.5830, 20.2868,
28.2268

258.1513,
253.4638, 307.4948

 14.4049, 12.6037,
18.2561

309.0199,
304.6450, 367.2570

 8.4864, 7.1562,
10.9627

366.1670,

 4.4621, 3.5600,

362.2902, 434.3003

5.9279

429.9579,
426.7837, 509.0433

■ 1.9667, 1.4306,
2.7332

■ 0.6152, 0.2391,
0.9601

■ 85.1984, 81.0636,
103.2519

■ 85.1984, 81.0636,
103.2519

■ 78.5157, 68.3004,
99.1686

■ 92.9153, 95.8871,
107.7058

■ 72.8164, 57.4963,
95.4353

95.0500, 100.0000,
108.9000

■ 68.0528, 48.5563,
92.0372

■ 64.1716, 41.3735,
88.9566

■ 61.1138, 35.8302,
86.1736

■ 58.8135, 31.7942,
83.6661

■ 57.1944, 29.1132,
81.4087

■ 56.1642, 27.6024,
79.3705

■ 55.6781, 27.0352,
77.9601

Harmonies

Analogous

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



81.4723, 81.0636, 114.0168



85.1984, 81.0636, 103.2519



86.7319, 81.0636, 89.2942

Triad

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



85.1984, 81.0636, 103.2519



77.4072, 81.0636, 64.2103



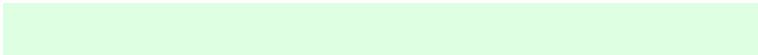
69.1021, 81.0636, 101.2920

Complementary

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



85.1984, 81.0636, 103.2519



79.9212, 92.7001, 85.6352

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.



68.1141, 81.0636, 87.2427



85.1984, 81.0636, 103.2519



72.7878, 81.0636, 66.7148

Square

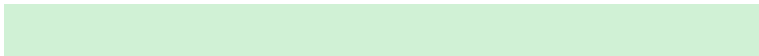
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



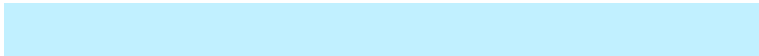
85.1984, 81.0636, 103.2519



82.1179, 81.0636, 67.5696



69.4357, 81.0636, 74.8024



72.1922, 81.0636, 112.8045

Rectangle

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



85.1984, 81.0636, 103.2519



86.2582, 81.0636, 80.3633



69.4357, 81.0636, 74.8024



68.5189, 81.0636, 96.6673

Sweetspot

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



85.2001, 81.0668, 103.2536



91.7284, 93.6024, 107.0354



75.7004, 76.1142, 105.3094



19.5040, 19.7854, 22.8364



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.



85.2001, 81.0668, 103.2536



83.4666, 77.7482, 102.2181



82.8185, 80.1141, 90.7122



18.7149, 18.2693, 22.3820



29.1232, 14.1386, 40.8948



2.8561, 1.3848, 4.0898

Inverse Universe

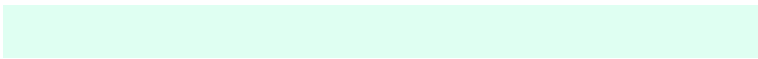
The Inverse Universe completely reimagines the original color for something new.



85.2001, 81.0668, 103.2536



83.4666, 77.7482, 102.2181



82.1705, 93.5998, 97.4798



18.7149, 18.2693, 22.3820



29.1232, 14.1386, 40.8948



2.8561, 1.3848, 4.0898

Previews

White Background



This preview shows how the XYZ color 85.1984, 81.0636, 103.2519 looks on a white background.

Color Contrast Check

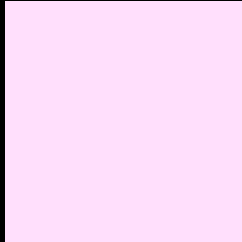
Large Text (above 18pt) WCAG AA × Fail

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 85.1984, 81.0636, 103.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

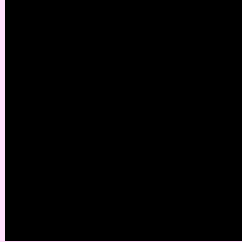
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1984, 81.0636, 103.2519

Background



This preview shows how black text looks on a background with the XYZ color 85.1984, 81.0636, 103.2519.



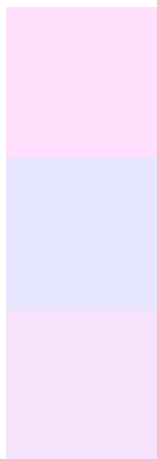
This preview shows how white text looks on a background with the XYZ color 85.1984, 81.0636,

103.2519.

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

85.1984, 81.0636, 103.2519

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

82.9667, 81.1319, 102.5540



Tritanopia

83.8253, 81.3321, 95.2850

Trichromacy



Original Color

85.1984, 81.0636, 103.2519

Protanomaly

81.2294, 80.9933, 105.1179

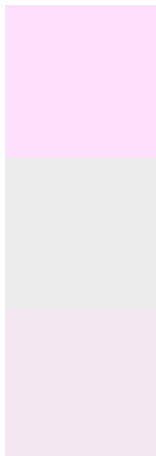
Deuteranomaly

83.7621, 81.1395, 102.5135

Tritanomaly

84.1633, 81.0360, 98.3944

Monochromacy



Original Color

85.1984, 81.0636, 103.2519

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.5651, 82.6173, 95.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1984, 81.0636, 103.2519 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.1984, 81.0636, 103.2519 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, 252) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1984, 81.0636, 103.2519 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, 252) }
```

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

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