

Converting Colors

XYZ(85.7330, 82.9859,
100.8005)

Have a look what the booklet for
XYZ(85.7330, 82.9859, 100.8005)
contains.

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Color

**XYZ(85.8080, 83.0377,
101.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F9
RGB	255, 227, 249
RGB Percent	100%, 89%, 98%
CMY	0.0000, 0.1098, 0.0235
CMYK	0.00, 0.11, 0.02, 0.00
HSL	313°, 100%, 95%
HSV	313°, 11%, 100%
XYZ	85.8080, 83.0377, 101.1278
YIQ	237.8800, 9.6260, 12.7780

Conversions

Conversions Part 2

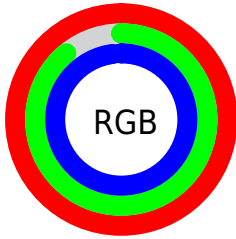
Format	Color
R_{YB}	255, 227, 249
Decimal	16770041
CIE _{Lab}	93.03, 13.28, -7.15
CIE _{LCh}	93, 15.085, 331.708
Yxy	83.0377, 0.3178, 0.3076
Android (android.graphics.Color)	4294960121 (0xFFFFE3F9)
YUV	237.8800, 5.4822, 15.0142
Hunter-Lab	91.1250, 8.6160, -2.0107

Details

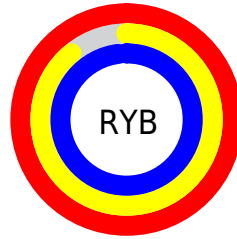
The XYZ color **85.8080, 83.0377, 101.1278** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1490, 93.7353, 90.8571**, and the grayscale version is **81.1306, 85.3557, 92.9523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6669, 45.3611, 56.6953** is the 20% darker color. If you saturate the color by 10%, you get **78.5037, 69.7731, 94.5500**, and if you desaturate by 10%, it is **94.1735, 98.3845, 108.1839**.

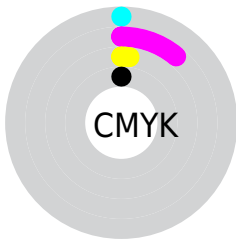
Distribution



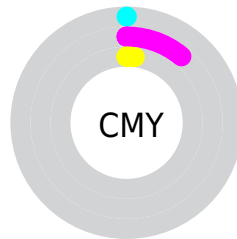
- Red (100%)
- Green (89%)
- Blue (98%)



- Red (100%)
- Yellow (89%)
- Blue (98%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8080, 83.0377, 101.1278 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 85.8080, 83.0377, 101.1278 by changing the saturation by 10% instead.


 85.8080, 83.0377,
101.1278

 85.8080, 83.0377,
101.1278


502.7414,
505.1122, 585.0800

 64.8340, 62.2213,
76.6206


140.4097,
137.6283, 164.7715

 47.5907, 45.2115,
56.4319


174.7681,
172.1712, 204.7452

 33.7127, 31.6241,
40.1430


214.3187,
212.0583, 250.7114

 22.8348, 21.0745,
27.3354

259.4268,
257.6742, 303.0888

 14.5916, 13.1785,
17.5906

310.4577,
309.4031, 362.2957

 8.6177, 7.5516,
10.4901

367.7769,

 4.5478, 3.8094,

367.6295, 428.7509

5.6153

431.7497,
432.7377, 502.8728

■ 2.0165, 1.5675,
2.5476

■ 0.6432, 0.3355,
0.8652

■ 85.8080, 83.0377,
101.1278

■ 85.8080, 83.0377,
101.1278

■ 78.5037, 69.7731,
94.5500

94.1735, 98.3845,
108.1839

■ 72.2099, 58.4903,
88.4292

95.0500, 100.0000,
108.9000

■ 66.8794, 49.0953,
82.7498

■ 62.4595, 41.4828,
77.4930

■ 58.8920, 35.5367,
72.6385

■ 56.1119, 31.1274,
68.1636

■ 54.0446, 28.1063,
64.0422

■ 52.6008, 26.2948,
60.2435

■ 51.7073, 25.4469,
57.0503

Harmonies

Analogous

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



82.9871, 83.0377, 110.2242



85.8080, 83.0377, 101.1278



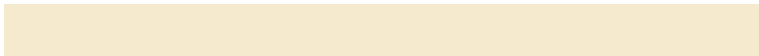
86.7679, 83.0377, 89.7668

Triad

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



85.8080, 83.0377, 101.1278



78.6986, 83.0377, 70.3559



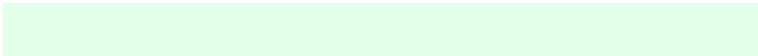
72.6341, 83.0377, 102.3432

Complementary

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



85.8080, 83.0377, 101.1278



82.1490, 93.7353, 90.8571

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.



71.5692, 83.0377, 91.0642



85.8080, 83.0377, 101.1278



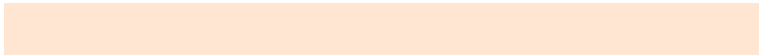
74.9973, 83.0377, 73.1320

Square

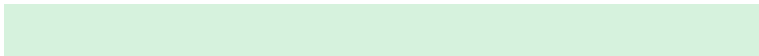
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8080, 83.0377, 101.1278



82.5821, 83.0377, 72.5703



72.4200, 83.0377, 80.4848



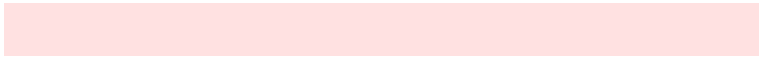
75.3771, 83.0377, 110.9661

Rectangle

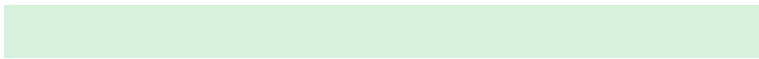
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8080, 83.0377, 101.1278



86.1987, 83.0377, 82.5998



72.4200, 83.0377, 80.4848



72.0722, 83.0377, 98.7060

Sweetspot

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



85.8098, 83.0410, 101.1296



92.3951, 95.1107, 106.7186



78.9960, 79.4185, 105.7735



19.6280, 20.0849, 22.7190



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.



85.8098, 83.0410, 101.1296



84.2487, 80.1938, 99.7615



83.7645, 82.2229, 90.3594



18.6162, 18.2298, 21.8619



27.0755, 13.3195, 30.1118



2.6758, 1.3127, 3.1401

Inverse Universe

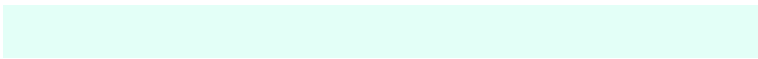
The Inverse Universe completely reimagines the original color for something new.



85.8098, 83.0410, 101.1296



84.2487, 80.1938, 99.7615



84.1675, 94.5427, 101.4863



18.6162, 18.2298, 21.8619



27.0755, 13.3195, 30.1118



2.6758, 1.3127, 3.1401

Previews

White Background



This preview shows how the XYZ color 85.8080, 83.0377, 101.1278 looks on a white background.

Color Contrast Check

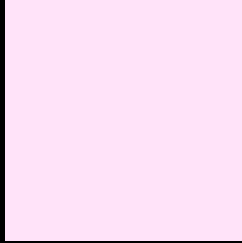
Large Text (above 18pt) WCAG AA × Fail

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 85.8080, 83.0377, 101.1278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

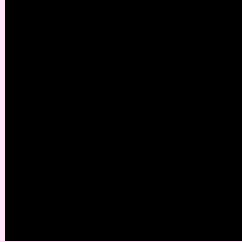
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8080, 83.0377, 101.1278

Background



This preview shows how black text looks on a background with the XYZ color 85.8080, 83.0377, 101.1278.



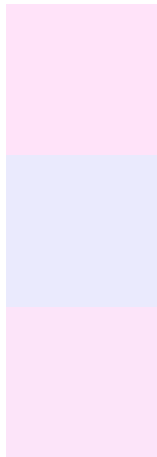
This preview shows how white text looks on a background with the XYZ color 85.8080, 83.0377,

101.1278.

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

85.8080, 83.0377, 101.1278

Protanopia

81.0841, 83.4299, 104.7585

Deuteranopia

84.9872, 83.0218, 101.1680



Tritanopia

85.0979, 83.1502, 97.9507

Trichromacy



Original Color

85.8080, 83.0377, 101.1278

Protanomaly

82.7646, 83.0573, 103.7650

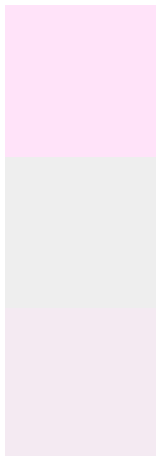
Deuteranomaly

85.3503, 83.2090, 101.1850

Tritanomaly

85.2510, 83.2115, 98.7570

Monochromacy



Original Color

85.8080, 83.0377, 101.1278

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.7581, 84.4895, 95.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8080, 83.0377, 101.1278 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, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 249)  
}
```

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, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.8080, 83.0377, 101.1278 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, 227, 249) }
```


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

```
.border{ border-color:rgb(255, 227, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8080, 83.0377, 101.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 249) }
```

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

```
.background{ background-color: rgb(255,  
227, 249) }
```

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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