

Converting Colors

XYZ(96.7144, 89.5176,
104.3505)

Have a look what the booklet for
XYZ(96.7144, 89.5176, 104.3505)
contains.

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Color

**XYZ(86.8300, 84.3269,
103.7957)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5FC
RGB	255, 229, 252
RGB Percent	100%, 90%, 99%
CMY	0.0000, 0.1019, 0.0118
CMYK	0.00, 0.10, 0.01, 0.00
HSL	307°, 100%, 95%
HSV	307°, 10%, 100%
XYZ	86.8300, 84.3269, 103.7957
YIQ	239.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

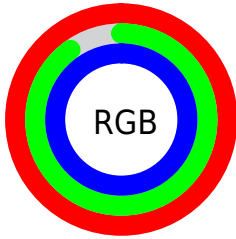
Format	Color
R _Y B	255, 229, 252
Decimal	16770556
CIE Lab	93.59, 12.77, -7.88
CIE LCh	94, 15.011, 328.321
Yxy	84.3269, 0.3158, 0.3067
Android (android.graphics.Color)	4294960636 (0xFFFFE5FC)
YUV	239.3960, 6.2138, 13.6847
Hunter-Lab	91.8297, 8.0796, -2.7351

Details

The XYZ color **86.8300, 84.3269, 103.7957** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6411, 94.0054, 90.1365**, and the grayscale version is **82.3030, 86.5891, 94.2956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2751, 46.2180, 58.0064** is the 20% darker color. If you saturate the color by 10%, you get **79.8238, 71.0545, 99.1792**, and if you desaturate by 10%, it is **94.8834, 99.6815, 108.7992**.

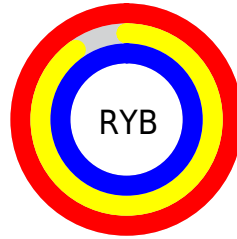
Distribution



Red (100%)

Green (90%)

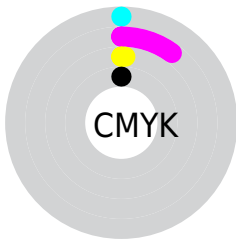
Blue (99%)



Red (100%)

Yellow (90%)

Blue (99%)

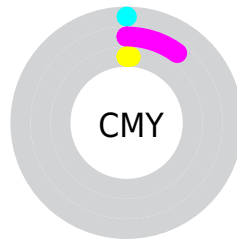


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8300, 84.3269, 103.7957 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 86.8300, 84.3269, 103.7957 by changing the saturation by 10% instead.


 86.8300, 84.3269,
103.7957

 86.8300, 84.3269,
103.7957


506.0570,
509.3982, 593.6450

 65.6821, 63.2854,
78.8398

141.8280,
139.4324, 168.4608

 48.2811, 46.0721,
58.2435

176.4089,
174.2651, 209.0071

 34.2618, 32.3027,
41.5885


216.1981,
214.4637, 255.5873

 23.2586, 21.5928,
28.4560

261.5610,
260.4125, 308.6199

 14.9063, 13.5580,
18.4277

312.8630,
312.4960, 368.5234

 8.8395, 7.8139,
11.0849

370.4695,

 4.6929, 3.9761,

371.0985, 435.7164

6.0091

434.7457,
436.6044, 510.6174

■ 2.1011, 1.6602,
2.7817

■ 0.6898, 0.3977,
0.9843

■ 86.8300, 84.3269,
103.7957

■ 86.8300, 84.3269,
103.7957

■ 79.8238, 71.0545,
99.1792

94.8834, 99.6815,
108.7992

■ 73.8143, 59.7642,
94.9292

95.0500, 100.0000,
108.9000

■ 68.7549, 50.3628,
91.0313

■ 64.5933, 42.7455,
87.4677

■ 61.2720, 36.7975,
84.2191

■ 58.7268, 32.3905,
81.2641

■ 56.8842, 29.3775,
78.5780

■ 55.6566, 27.5830,
76.1312

■ 54.9105, 26.7282,
73.9178

Harmonies

Analogous

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



83.8300, 84.3269, 112.4597



86.8300, 84.3269, 103.7957



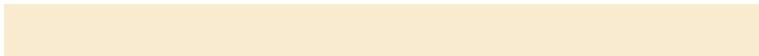
88.0329, 84.3269, 92.4603

Triad

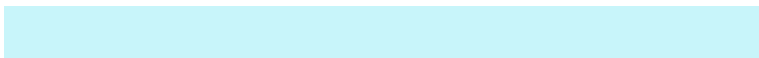
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8300, 84.3269, 103.7957



80.3743, 84.3269, 71.6352



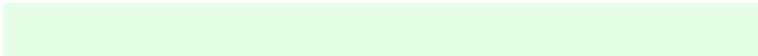
73.6103, 84.3269, 102.5953

Complementary

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



86.8300, 84.3269, 103.7957



82.6411, 94.0054, 90.1365

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.



72.7527, 84.3269, 91.1780



86.8300, 84.3269, 103.7957



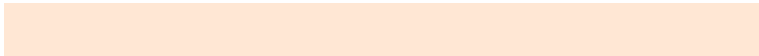
76.5797, 84.3269, 73.8699

Square

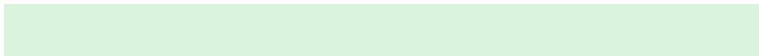
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



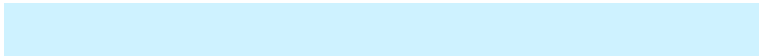
86.8300, 84.3269, 103.7957



84.2302, 84.3269, 74.4259



73.8221, 84.3269, 80.7985



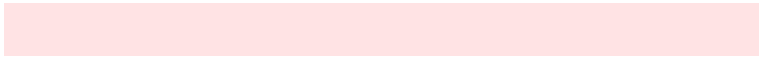
76.2041, 84.3269, 111.7274

Rectangle

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



86.8300, 84.3269, 103.7957



87.6247, 84.3269, 85.1093



73.8221, 84.3269, 80.7985



73.1133, 84.3269, 98.8695

Sweetspot

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



86.8319, 84.3302, 103.7975



92.5161, 95.1591, 107.3561



79.2217, 80.3517, 105.9417



19.6608, 20.0980, 22.8916



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.



86.8319, 84.3302, 103.7975



85.4901, 81.7813, 102.9354



84.9006, 83.5578, 93.6278



18.6971, 18.2622, 22.2881



28.7279, 13.9805, 38.8132



2.8217, 1.3710, 3.9083

Inverse Universe

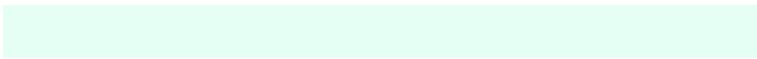
The Inverse Universe completely reimagines the original color for something new.



86.8319, 84.3302, 103.7975



85.4901, 81.7813, 102.9354



84.4957, 94.7473, 99.9029



18.6971, 18.2622, 22.2881



28.7279, 13.9805, 38.8132



2.8217, 1.3710, 3.9083

Previews

White Background



This preview shows how the XYZ color 86.8300, 84.3269, 103.7957 looks on a white background.

Color Contrast Check

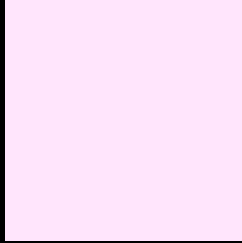
Large Text (above 18pt) WCAG AA × Fail

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 86.8300, 84.3269, 103.7957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

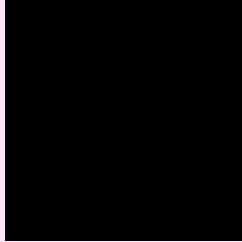
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.8300, 84.3269, 103.7957

Background



This preview shows how black text looks on a background with the XYZ color 86.8300, 84.3269, 103.7957.



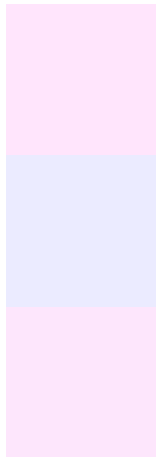
This preview shows how white text looks on a background with the XYZ color 86.8300, 84.3269,

103.7957.

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

86.8300, 84.3269, 103.7957

Protanopia

82.0193, 84.2988, 106.5562

Deuteranopia

86.3755, 84.5046, 103.8540



Tritanopia

86.1131, 84.4418, 100.5672

Trichromacy



Original Color

86.8300, 84.3269, 103.7957

Protanomaly

83.6463, 84.3108, 105.6309

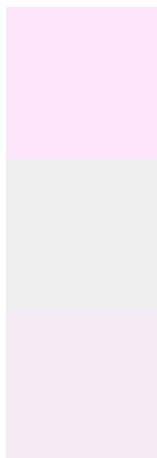
Deuteranomaly

86.7406, 84.6927, 103.8711

Tritanomaly

86.2687, 84.5040, 101.3866

Monochromacy



Original Color

86.8300, 84.3269, 103.7957

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.6937, 85.3608, 97.6531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8300, 84.3269, 103.7957 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, 229, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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, 229, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 252) }
```

Border

The CSS property to change the border of an element to XYZ 86.8300, 84.3269, 103.7957 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, 229, 252) }
```


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

```
.border{ border-color:rgb(255, 229, 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, 229, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8300, 84.3269, 103.7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 252) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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