

Converting Colors

XYZ(87.1169, 87.6425,
101.8899)

Have a look what the booklet for
XYZ(87.1169, 87.6425, 101.8899)
contains.

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Color

**XYZ(86.8780, 87.3397,
101.9018)**

Conversions

Conversions Part 1

Format	Color
Hex	FBECF9
RGB	251, 236, 249
RGB Percent	98%, 93%, 98%
CMY	0.0157, 0.0745, 0.0235
CMYK	0.00, 0.06, 0.01, 0.02
HSL	308°, 65%, 95%
HSV	308°, 6%, 98%
XYZ	86.8780, 87.3397, 101.9018
YIQ	241.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

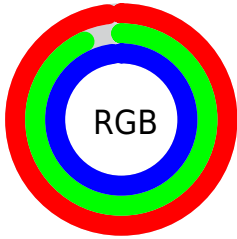
Format	Color
R_{YB}	251, 236, 249
Decimal	16510201
CIE Lab	94.88, 7.30, -4.45
CIE LCh	95, 8.555, 328.621
Yxy	87.3397, 0.3146, 0.3163
Android (android.graphics.Color)	4294700281 (0xFFFFBECF9)
YUV	241.9670, 3.4673, 7.9219
Hunter-Lab	93.4557, 2.3891, 0.7706

Details

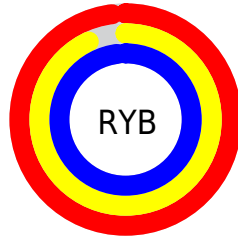
The XYZ color **86.8780, 87.3397, 101.9018** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5252, 93.0026, 94.3898**, and the grayscale version is **84.3450, 88.7375, 96.6351**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1950, 47.9621, 57.1695** is the 20% darker color. If you saturate the color by 10%, you get **79.6365, 73.6838, 96.9356**, and if you desaturate by 10%, it is **93.1703, 99.0800, 106.5997**.

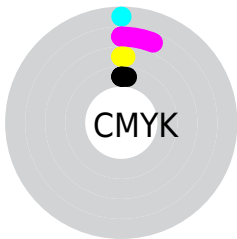
Distribution



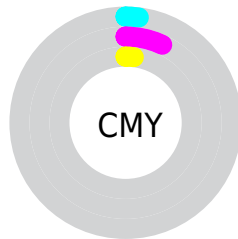
- Red (98%)
- Green (93%)
- Blue (98%)



- Red (98%)
- Yellow (93%)
- Blue (98%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8780, 87.3397, 101.9018 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 86.8780, 87.3397, 101.9018 by changing the saturation by 10% instead.


 86.8780, 87.3397,
101.9018

 86.8780, 87.3397,
101.9018


506.2125,
519.3385, 587.5716

 65.7219, 65.7764,
77.2640


141.8946,
143.6375, 165.8429

 48.3136, 48.0909,
56.9568


176.4859,
179.1408, 205.9832

 34.2876, 33.8989,
40.5614


216.2863,
220.0595, 252.1283

 23.2785, 22.8159,
27.6594

261.6611,
266.7781, 304.6964

 14.9211, 14.4576,
17.8323

312.9758,
319.6808, 364.1063

 8.8500, 8.4396,
10.6614

370.5957,

 4.6998, 4.3775,

379.1522, 430.7765

5.7284

434.8861,
445.5766, 505.1254

■ 2.1052, 1.8869,
2.6145

■ 0.6920, 0.5405,
0.8999

■ 86.8780, 87.3397,
101.9018

■ 86.8780, 87.3397,
101.9018

■ 79.6365, 73.6838,
96.9356

■ 93.1703, 99.0800,
106.5997

■ 73.3753, 61.9747,
92.3407

■ 93.5942, 99.2495,
108.8319

■ 68.0515, 52.1260,
88.1038

■ 63.6167, 44.0404,
84.2084

■ 60.0177, 37.6119,
80.6365

■ 57.1957, 32.7229,
77.3684

■ 55.0843, 29.2405,
74.3816

■ 53.6056, 27.0094,
71.6499

■ 52.6633, 25.8366,
69.1410

Harmonies

Analogous

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



85.1675, 87.3397, 106.7508



86.8780, 87.3397, 101.9018



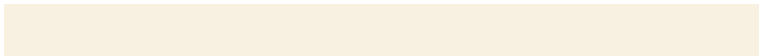
87.5505, 87.3397, 95.4057

Triad

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



86.8780, 87.3397, 101.9018



83.1211, 87.3397, 82.8975



79.1619, 87.3397, 101.3455

Complementary

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



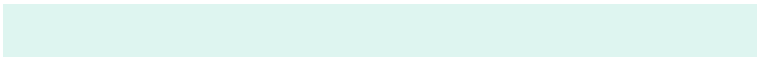
86.8780, 87.3397, 101.9018



84.5252, 93.0026, 94.3898

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.



78.6366, 87.3397, 94.7911



86.8780, 87.3397, 101.9018



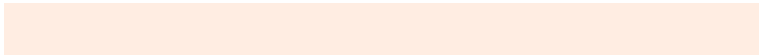
80.8967, 87.3397, 84.3258

Square

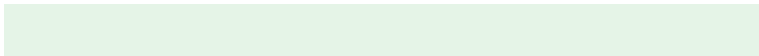
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



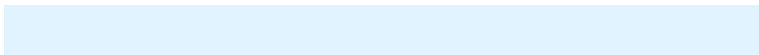
86.8780, 87.3397, 101.9018



85.3566, 87.3397, 84.6097



79.2658, 87.3397, 88.6042



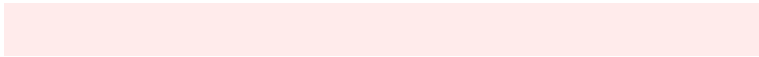
80.7142, 87.3397, 106.4193

Rectangle

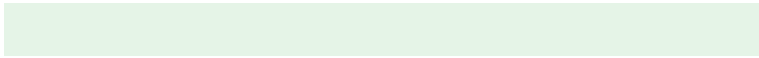
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8780, 87.3397, 101.9018



87.3102, 87.3397, 91.0796



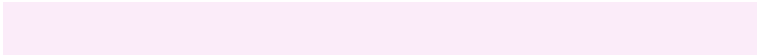
79.2658, 87.3397, 88.6042



78.8606, 87.3397, 99.2331

Sweetspot

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



86.8805, 87.3435, 101.9037



93.3352, 96.7453, 107.7891



82.6717, 85.1375, 103.3440



19.9955, 20.7416, 23.0830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

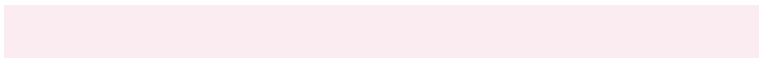
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8805, 87.3435, 101.9037



89.2367, 88.9829, 105.0830



85.7340, 86.8849, 95.8664



18.1895, 18.0527, 21.4678



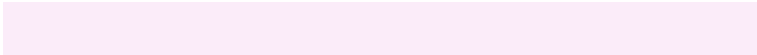
27.5706, 13.4440, 36.0428



2.5803, 1.2558, 3.4791

Inverse Universe

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



86.8805, 87.3435, 101.9037



89.2367, 88.9829, 105.0830



85.6501, 93.4526, 100.3134



18.1895, 18.0527, 21.4678



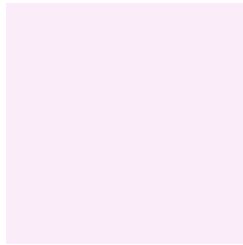
27.5706, 13.4440, 36.0428



2.5803, 1.2558, 3.4791

Previews

White Background



This preview shows how the XYZ color 86.8780, 87.3397, 101.9018 looks on a white background.

Color Contrast Check

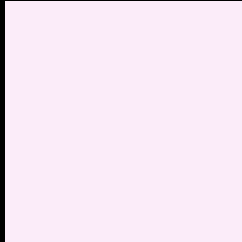
Large Text (above 18pt) WCAG AA × Fail

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 86.8780, 87.3397, 101.9018 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

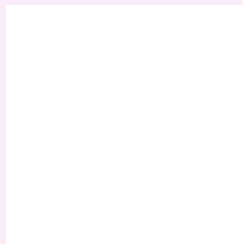
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8780, 87.3397, 101.9018

Background



This preview shows how black text looks on a background with the XYZ color 86.8780, 87.3397, 101.9018.



This preview shows how white text looks on a background with the XYZ color 86.8780, 87.3397,

101.9018.

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

86.8780, 87.3397, 101.9018

Protanopia

84.8970, 87.5753, 103.6960

Deuteranopia

87.7368, 87.3921, 100.2398



Tritanopia

87.7426, 87.2679, 105.9858

Trichromacy



Original Color

86.8780, 87.3397, 101.9018

Protanomaly

85.4860, 87.4637, 102.8191

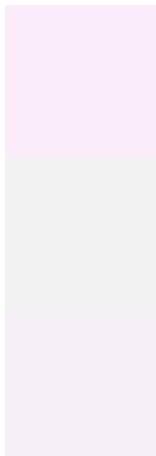
Deuteranomaly

87.5247, 87.2648, 101.0377

Tritanomaly

87.4239, 87.1404, 104.3075

Monochromacy



Original Color

86.8780, 87.3397, 101.9018

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.2977, 88.3252, 98.9390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8780, 87.3397, 101.9018 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(251, 236, 249)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 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(251, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 249) }
```

Border

The CSS property to change the border of an element to XYZ 86.8780, 87.3397, 101.9018 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(251, 236, 249) }
```


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

```
.border{ border-color:rgb(251, 236, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 236, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8780, 87.3397, 101.9018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 249) }
```

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

```
.background{ background-color: rgb(251,  
236, 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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