

Converting Colors

XYZ(113.1265, 100.0000,
102.6544)

Have a look what the booklet for
XYZ(113.1265, 100.0000, 102.6544)
contains.

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Color

**XYZ(87.7617, 86.9452,
101.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAF9
RGB	255, 234, 249
RGB Percent	100%, 92%, 98%
CMY	0.0000, 0.0823, 0.0235
CMYK	0.00, 0.08, 0.02, 0.00
HSL	317°, 100%, 96%
HSV	317°, 8%, 100%
XYZ	87.7617, 86.9452, 101.7791
YIQ	241.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

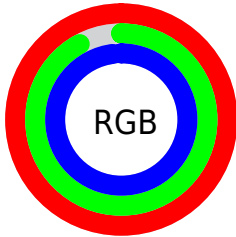
Format	Color
R _Y B	255, 234, 249
Decimal	16771833
CIE Lab	94.72, 9.66, -4.66
CIE LCh	95, 10.731, 334.236
Yxy	86.9452, 0.3174, 0.3145
Android (android.graphics.Color)	4294961913 (0xFFFEAF9)
YUV	241.9890, 3.4564, 11.4106
Hunter-Lab	93.2444, 4.8266, 0.5543

Details

The XYZ color **87.7617, 86.9452, 101.7791** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4225, 95.3050, 96.3350**, and the grayscale version is **84.3605, 88.7538, 96.6529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8347, 47.6968, 57.0846** is the 20% darker color. If you saturate the color by 10%, you get **79.9038, 73.0126, 93.6622**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

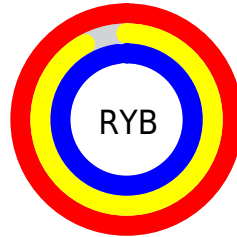
Distribution



Red (100%)

Green (92%)

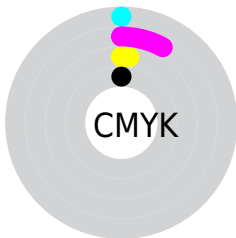
Blue (98%)



Red (100%)

Yellow (92%)

Blue (98%)

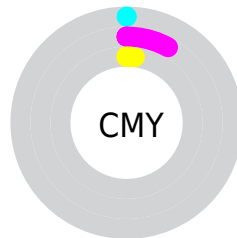


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7617, 86.9452, 101.7791 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 87.7617, 86.9452, 101.7791 by changing the saturation by 10% instead.

87.7617, 86.9452,
101.7791

87.7617, 86.9452,
101.7791

509.0696,
518.0428, 587.1770

66.4559, 65.4499,
77.1620

143.1196,
143.0878, 165.6731

48.9116, 47.8259,
56.8735

177.9023,
178.5038, 205.7871

34.7636, 33.6891,
40.4950

217.9081,
219.3288, 251.9038

23.6465, 22.6548,
27.6080

263.5022,
265.9472, 304.4417

15.1949, 14.3389,
17.7939

315.0501,
318.7434, 363.8195

9.0435, 8.3567,
10.6342

372.9170,

4.8269, 4.3240,

378.1018, 430.4556

5.7104

437.4684,
444.4068, 504.7686

■ 2.1798, 1.8564,
2.6039

■ 0.7320, 0.5220,
0.8944

■ 87.7617, 86.9452,
101.7791

■ 87.7617, 86.9452,
101.7791

■ 79.9038, 73.0126,
93.6622

95.0500, 100.0000,
108.9000

■ 73.0878, 61.0947,
86.1064

■ 67.2678, 51.0995,
79.0951

■ 62.3915, 42.9239,
72.6084

■ 58.4023, 36.4551,
66.6249

■ 55.2369, 31.5674,
61.1208

■ 52.8234, 28.1179,
56.0696

■ 51.0770, 25.9379,
51.4401

■ 49.8809, 24.7946,
47.1909

Harmonies

Analogous

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



85.8150, 86.9452, 108.4906



87.7617, 86.9452, 101.7791



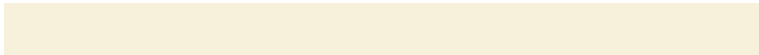
88.3239, 86.9452, 93.4941

Triad

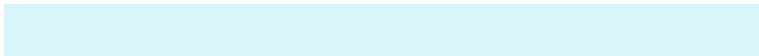
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7617, 86.9452, 101.7791



82.2277, 86.9452, 79.6226



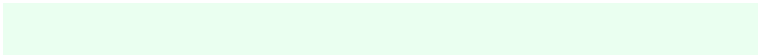
78.1152, 86.9452, 103.9379

Complementary

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



87.7617, 86.9452, 101.7791



85.4225, 95.3050, 96.3350

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.



77.2031, 86.9452, 95.8528



87.7617, 86.9452, 101.7791



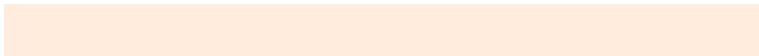
79.5420, 86.9452, 82.0734

Square

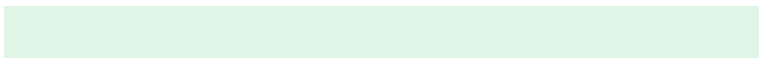
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



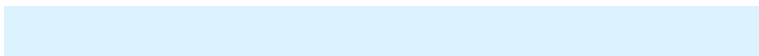
87.7617, 86.9452, 101.7791



85.0857, 86.9452, 81.0058



77.7192, 86.9452, 87.8971



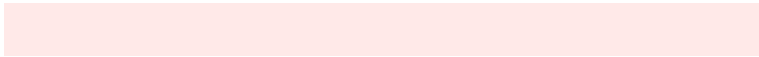
80.2393, 86.9452, 109.7872

Rectangle

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



87.7617, 86.9452, 101.7791



87.8271, 86.9452, 88.2648



77.7192, 86.9452, 87.8971



77.6590, 86.9452, 101.3748

Sweetspot

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



87.7636, 86.9487, 101.7810



93.2108, 96.6956, 107.1339



83.3942, 84.5863, 106.5392



19.9702, 20.7314, 22.9497



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

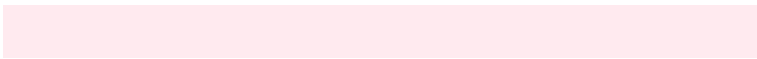
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7636, 86.9487, 101.7810



86.2968, 84.3353, 100.3046



86.1788, 86.3147, 93.4351



18.5584, 18.2067, 21.5575



26.0359, 12.9037, 24.6374



2.5822, 1.2752, 2.6471

Inverse Universe

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



87.7636, 86.9487, 101.7810



86.2968, 84.3353, 100.3046



87.0198, 95.9439, 104.7465



18.5584, 18.2067, 21.5575



26.0359, 12.9037, 24.6374



2.5822, 1.2752, 2.6471

Previews

White Background



This preview shows how the XYZ color 87.7617, 86.9452, 101.7791 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 87.7617, 86.9452, 101.7791 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 87.7617, 86.9452, 101.7791

Background



This preview shows how black text looks on a background with the XYZ color 87.7617, 86.9452, 101.7791.



This preview shows how white text looks on a background with the XYZ color 87.7617, 86.9452,

101.7791.

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

87.7617, 86.9452, 101.7791

Protanopia

84.4209, 86.8781, 104.4152

Deuteranopia

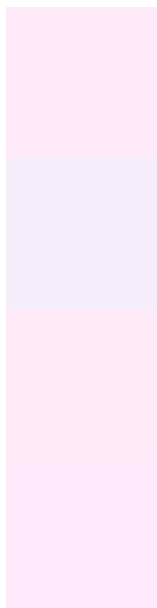
87.4513, 86.8210, 100.1446



Tritanopia

88.2335, 87.1339, 104.2636

Trichromacy



Original Color

87.7617, 86.9452, 101.7791

Protanomaly

85.7028, 87.1262, 103.5668

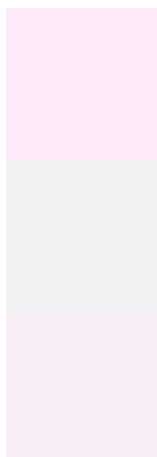
Deuteranomaly

87.6061, 86.8829, 100.9597

Tritanomaly

88.0754, 87.0707, 103.4310

Monochromacy



Original Color

87.7617, 86.9452, 101.7791

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.7057, 88.0997, 98.8740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7617, 86.9452, 101.7791 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, 234, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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, 234, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 249) }
```

Border

The CSS property to change the border of an element to XYZ 87.7617, 86.9452, 101.7791 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, 234, 249) }
```


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

```
.border{ border-color:rgb(255, 234, 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, 234, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7617, 86.9452, 101.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 249) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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