

Converting Colors

XYZ(87.6460, 87.0297,
106.7867)

Have a look what the booklet for
XYZ(87.6460, 87.0297, 106.7867)
contains.

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Color

**XYZ(87.9032, 87.3321,
106.8315)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEBFF
RGB	252, 235, 255
RGB Percent	99%, 92%, 100%
CMY	0.0118, 0.0784, 0.0000
CMYK	0.01, 0.08, 0.00, 0.00
HSL	291°, 100%, 96%
HSV	291°, 8%, 100%
XYZ	87.9032, 87.3321, 106.8315
YIQ	242.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

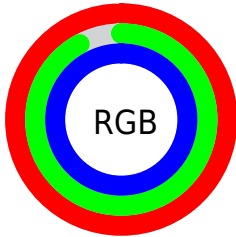
Format	Color
R _{YB}	252, 235, 255
Decimal	16575487
CIE Lab	94.88, 9.22, -7.57
CIE LCh	95, 11.926, 320.627
Yxy	87.3321, 0.3116, 0.3096
Android (android.graphics.Color)	4294765567 (0xFFFCBFF)
YUV	242.3630, 6.2300, 8.4516
Hunter-Lab	93.4516, 4.3617, -2.3626

Details

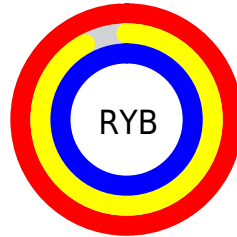
The XYZ color **87.9032, 87.3321, 106.8315** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0175, 95.6964, 92.5393**, and the grayscale version is **84.6378, 89.0455, 96.9706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8188, 47.9195, 60.1024** is the 20% darker color. If you saturate the color by 10%, you get **79.7492, 73.0585, 104.5062**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

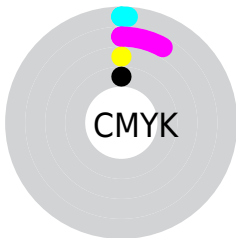
Distribution



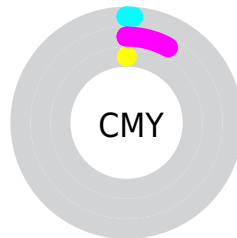
- Red (99%)
- Green (92%)
- Blue (100%)



- Red (99%)
- Yellow (92%)
- Blue (100%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9032, 87.3321, 106.8315 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 87.9032, 87.3321, 106.8315 by changing the saturation by 10% instead.


 87.9032, 87.3321,
106.8315

 87.9032, 87.3321,
106.8315


509.5263,
519.3135, 603.3128

 66.5734, 65.7701,
81.3694


143.3156,
143.6269, 172.6475

 49.0075, 48.0858,
60.3131


178.1289,
179.1285, 213.8384

 34.8400, 33.8948,
43.2441


218.1675,
220.0455, 261.1093

 23.7056, 22.8128,
29.7439

263.7967,
266.7621, 314.8787

 15.2389, 14.4553,
19.3938

315.3818,
319.6628, 375.5653

 9.0746, 8.4380,
11.7755

373.2882,

 4.8474, 4.3765,

379.1320, 443.5874

6.4703

437.8813,
445.5541, 519.3638

■ 2.1918, 1.8863,
3.0597

■ 0.7384, 0.5401,
1.1252

■ 87.9032, 87.3321,
106.8315

■ 87.9032, 87.3321,
106.8315

■ 79.7492, 73.0585,
104.5062

95.0500, 100.0000,
108.9000

■ 72.6228, 60.7998,
102.5156

■ 66.4787, 50.4648,
100.8446

■ 61.2653, 41.9506,
99.4760

■ 56.9263, 35.1450,
98.3910

■ 53.3993, 29.9230,
97.5690

■ 50.6132, 26.1428,
96.9862

■ 48.4840, 23.6369,
96.6147

■ 46.8996, 22.1812,
96.4173

Harmonies

Analogous

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



85.2148, 87.3321, 112.7360



87.9032, 87.3321, 106.8315



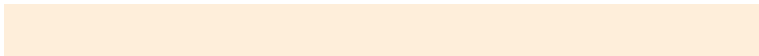
89.2895, 87.3321, 98.0177

Triad

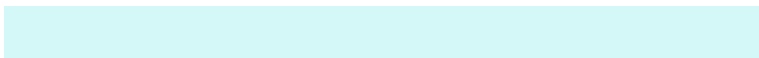
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9032, 87.3321, 106.8315



84.0227, 87.3321, 78.5902



77.3259, 87.3321, 101.4976

Complementary

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



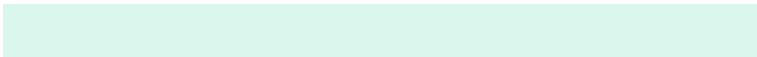
87.9032, 87.3321, 106.8315



86.0175, 95.6964, 92.5393

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.



77.0255, 87.3321, 92.2209



87.9032, 87.3321, 106.8315



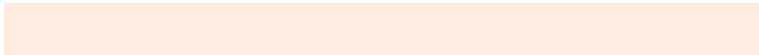
80.8368, 87.3321, 79.3883

Square

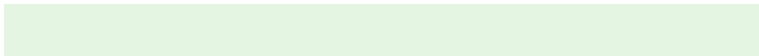
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9032, 87.3321, 106.8315



87.0111, 87.3321, 81.9859



78.2952, 87.3321, 84.2416



79.1268, 87.3321, 109.5205

Rectangle

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



87.9032, 87.3321, 106.8315



89.2647, 87.3321, 91.8457



78.2952, 87.3321, 84.2416



77.0479, 87.3321, 98.4094

Sweetspot

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



87.9055, 87.3358, 106.8321



93.1637, 96.6443, 108.3517



82.8888, 86.0351, 106.8455



19.9607, 20.7210, 23.1975



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.



87.9055, 87.3358, 106.8321



86.9058, 85.5745, 106.5448



87.8936, 87.4574, 101.0571



18.5093, 18.1543, 22.7785



24.4479, 11.5139, 50.3684



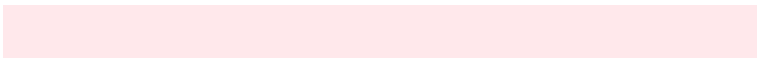
2.4499, 1.1569, 4.9074

Inverse Universe

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



86.3832, 86.8533, 93.1036



85.1772, 85.0280, 90.8928



86.0505, 95.5942, 97.9236



18.1204, 18.0315, 19.2510



21.7666, 11.1959, 2.1555



2.1505, 1.1026, 0.3740

Previews

White Background



This preview shows how the XYZ color 87.9032, 87.3321, 106.8315 looks on a white background.

Color Contrast Check

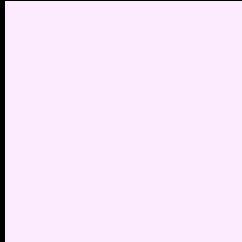
Large Text (above 18pt) WCAG AA × Fail

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 87.9032, 87.3321, 106.8315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

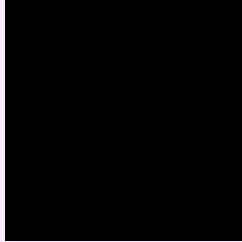
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

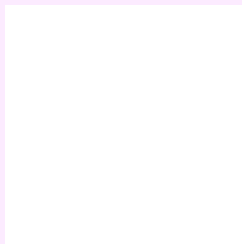
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9032, 87.3321, 106.8315

Background



This preview shows how black text looks on a background with the XYZ color 87.9032, 87.3321, 106.8315.



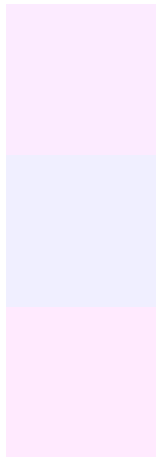
This preview shows how white text looks on a background with the XYZ color 87.9032, 87.3321,

106.815.

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

87.9032, 87.3321, 106.8315

Protanopia

84.8517, 87.4783, 107.0206

Deuteranopia

88.5522, 87.2614, 105.9419



Tritanopia

87.7426, 87.2679, 105.9858

Trichromacy



Original Color

87.9032, 87.3321, 106.8315

Protanomaly

85.9328, 87.6022, 106.9875

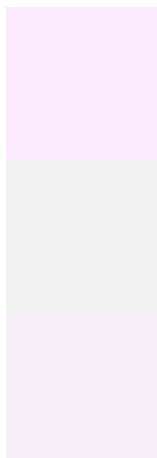
Deuteranomaly

88.1853, 87.0722, 105.9247

Tritanomaly

87.7426, 87.2679, 105.9858

Monochromacy



Original Color

87.9032, 87.3321, 106.8315

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.6610, 88.0412, 100.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9032, 87.3321, 106.8315 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(252, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 255)  
}
```

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(252, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.9032, 87.3321, 106.8315 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(252, 235, 255) }
```


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

```
.border{ border-color:rgb(252, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9032, 87.3321, 106.8315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 255) }
```

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

```
.background{ background-color: rgb(252,  
235, 255) }
```

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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