

Converting Colors

XYZ(87.0697, 86.6706, 98.1285)

Have a look what the booklet for
XYZ(87.0697, 86.6706, 98.1285)
contains.

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Color

**XYZ(87.1442, 86.6982,
98.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAF5
RGB	255, 234, 245
RGB Percent	100%, 92%, 96%
CMY	0.0000, 0.0823, 0.0392
CMYK	0.00, 0.08, 0.04, 0.00
HSL	329°, 100%, 96%
HSV	329°, 8%, 100%
XYZ	87.1442, 86.6982, 98.5276
YIQ	241.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

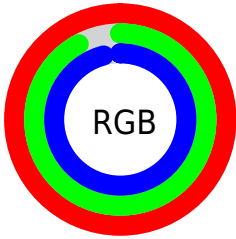
Format	Color
R _Y B	255, 234, 245
Decimal	16771829
CIE Lab	94.61, 8.97, -2.74
CIE LCh	95, 9.381, 343.016
Yxy	86.6982, 0.3199, 0.3183
Android (android.graphics.Color)	4294961909 (0xFFFEAF5)
YUV	241.5330, 1.7092, 11.8106
Hunter-Lab	93.1119, 4.1139, 2.4398

Details

The XYZ color **87.1442, 86.6982, 98.5276** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0235, 95.5454, 99.4997**, and the grayscale version is **84.0129, 88.3881, 96.2546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3944, 47.5207, 54.7659** is the 20% darker color. If you saturate the color by 10%, you get **78.6070, 72.4939, 86.8335**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

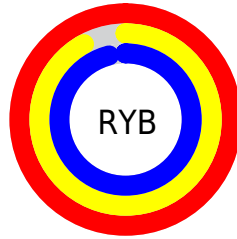
Distribution



Red (100%)

Green (92%)

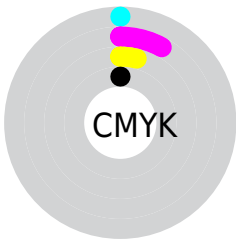
Blue (96%)



Red (100%)

Yellow (92%)

Blue (96%)

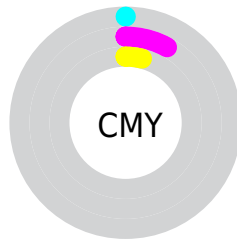


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (8%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.1442, 86.6982, 98.5276 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 87.1442, 86.6982, 98.5276 by changing the saturation by 10% instead.


 87.1442, 86.6982,
98.5276

 87.1442, 86.6982,
98.5276


507.0740,
517.2306, 576.6679

 65.9430, 65.2455,
74.4614


142.2637,
142.7434, 161.1665

 48.4936, 47.6602,
54.6727


176.9128,
178.1047, 200.5763

 34.4309, 33.5578,
38.7429

216.7751,
218.8709, 245.9377

 23.3892, 22.5541,
26.2535

262.2161,
265.4266, 297.6692

 15.0035, 14.2646,
16.7859

313.6012,
318.1559, 356.1895

 8.9081, 8.3049,
9.9216

371.2956,

 4.7379, 4.2907,

377.4435, 421.9170

5.2421

435.6648,
443.6736, 495.2703

■ 2.1275, 1.8375,
2.3288

■ 0.7041, 0.5104,
0.7473

■ 87.1442, 86.6982,
98.5276

■ 87.1442, 86.6982,
98.5276

■ 78.6070, 72.4939,
86.8335

95.0500, 100.0000,
108.9000

■ 71.1876, 60.3346,
76.0998

■ 64.8380, 50.1276,
66.2999

■ 59.5042, 41.7690,
57.4038

■ 55.1274, 35.1451,
49.3792

■ 51.6422, 30.1295,
42.1914

■ 48.9747, 26.5784,
35.8022

■ 47.0375, 24.3221,
30.1685

■ 45.7116, 23.1269,
25.2361

Harmonies

Analogous

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



85.7672, 86.6982, 104.9560



87.1442, 86.6982, 98.5276



87.2347, 86.6982, 91.2967

Triad

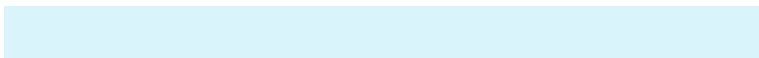
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1442, 86.6982, 98.5276



81.3134, 86.6982, 81.4669



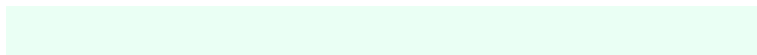
78.8984, 86.6982, 104.2257

Complementary

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



87.1442, 86.6982, 98.5276



86.0235, 95.5454, 99.4997

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.



77.7551, 86.6982, 97.5720



87.1442, 86.6982, 98.5276



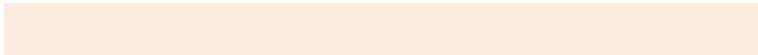
79.1300, 86.6982, 84.5759

Square

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



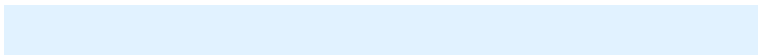
87.1442, 86.6982, 98.5276



83.8331, 86.6982, 81.6934



77.8390, 86.6982, 90.3885



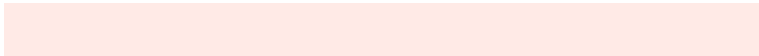
80.9913, 86.6982, 108.3594

Rectangle

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



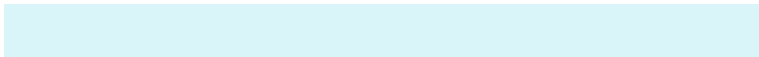
87.1442, 86.6982, 98.5276



86.5504, 86.6982, 87.0107



77.8390, 86.6982, 90.3885



78.3922, 86.6982, 102.1953

Sweetspot

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



87.1462, 86.7017, 98.5294



93.0559, 96.6336, 106.3183



84.7145, 85.2670, 106.6010



19.9387, 20.7188, 22.7837



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

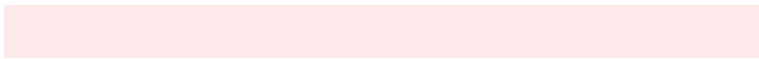
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1462, 86.7017, 98.5294



85.5537, 84.0381, 96.3915



85.6174, 86.0902, 90.4792



18.4068, 18.1460, 20.7594



23.8571, 12.0321, 13.1639



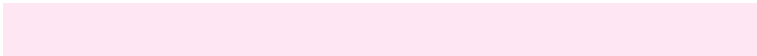
2.3781, 1.1936, 1.5726

Inverse Universe

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



87.1462, 86.7017, 98.5294



85.5537, 84.0381, 96.3915



87.6312, 96.1885, 107.9658



18.4068, 18.1460, 20.7594



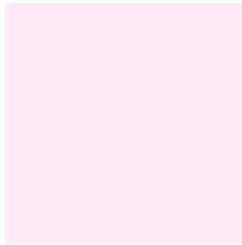
23.8571, 12.0321, 13.1639



2.3781, 1.1936, 1.5726

Previews

White Background



This preview shows how the XYZ color 87.1442, 86.6982, 98.5276 looks on a white background.

Color Contrast Check

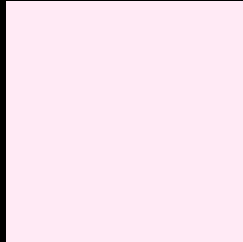
Large Text (above 18pt) WCAG AA × Fail

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 87.1442, 86.6982, 98.5276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

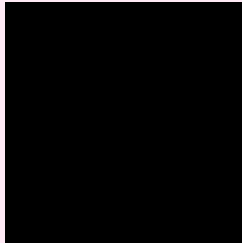
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.1442, 86.6982, 98.5276

Background



This preview shows how black text looks on a background with the XYZ color 87.1442, 86.6982, 98.5276.



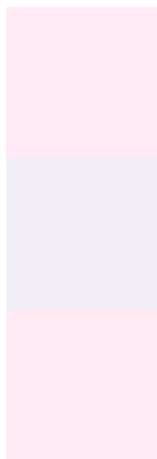
This preview shows how white text looks on a background with the XYZ color 87.1442, 86.6982,

98.576.

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

87.1442, 86.6982, 98.5276

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

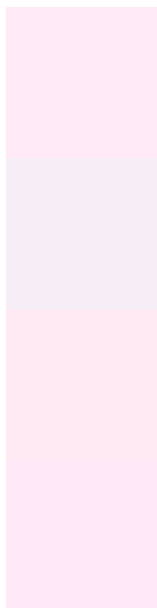
86.9920, 86.6373, 97.7257



Tritanopia

87.7915, 86.5029, 103.3364

Trichromacy



Original Color

87.1442, 86.6982, 98.5276

Protanomaly

85.0787, 86.8766, 100.2804

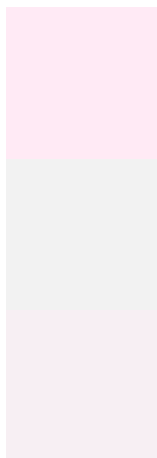
Deuteranomaly

86.9920, 86.6373, 97.7257

Tritanomaly

87.4778, 86.3774, 101.6845

Monochromacy



Original Color

87.1442, 86.6982, 98.5276

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.4019, 87.9782, 97.2743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1442, 86.6982, 98.5276 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, 245) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.1442, 86.6982, 98.5276 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, 245) }
```


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

```
.border{ border-color:rgb(255, 234, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1442, 86.6982, 98.5276 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
234, 245) }
```

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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