

Converting Colors

XYZ(118.6656, 98.7449,
273.0480)

Have a look what the booklet for
XYZ(118.6656, 98.7449, 273.0480)
contains.

XYZ(86.9726, 86.0071, 106.6248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.9726, 86.0071,
106.6248)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE9FF
RGB	251, 233, 255
RGB Percent	98%, 91%, 100%
CMY	0.0157, 0.0863, 0.0000
CMYK	0.02, 0.09, 0.00, 0.00
HSL	289°, 100%, 96%
HSV	289°, 9%, 100%
XYZ	86.9726, 86.0071, 106.6248
YIQ	240.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

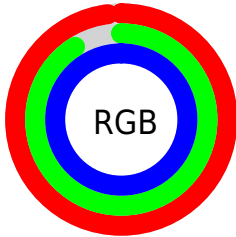
Format	Color
R _{YB}	251, 233, 255
Decimal	16509439
CIE _{Lab}	94.32, 9.92, -8.41
CIE _{LCh}	94, 13.007, 319.722
Y _{xy}	86.0071, 0.3111, 0.3076
Android (android.graphics.Color)	4294699519 (0xFFFFBE9FF)
YUV	240.8900, 6.9562, 8.8665
Hunter-Lab	92.7400, 5.1042, -3.2487

Details

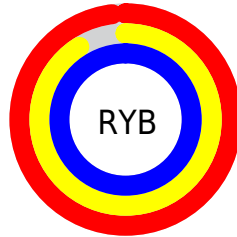
The XYZ color **86.9726, 86.0071, 106.6248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3952, 95.4088, 91.0101**, and the grayscale version is **83.4697, 87.8166, 95.6323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1633, 46.9908, 59.9577** is the 20% darker color. If you saturate the color by 10%, you get **78.6202, 71.7503, 104.3132**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

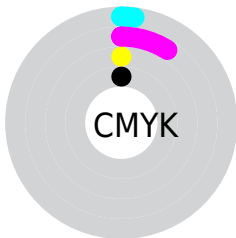
Distribution



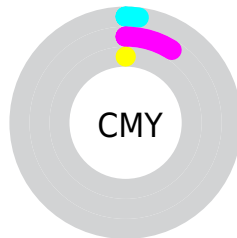
- Red (98%)
- Green (91%)
- Blue (100%)



- Red (98%)
- Yellow (91%)
- Blue (100%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9726, 86.0071, 106.6248 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 86.9726, 86.0071, 106.6248 by changing the saturation by 10% instead.

86.9726, 86.0071,
106.6248

86.9726, 86.0071,
106.6248

506.5187,
514.9546, 602.6571

65.8005, 64.6738,
81.1970

142.0258,
141.7794, 172.3628

48.3776, 47.1967,
60.1719

176.6376,
176.9872, 213.5100

34.3385, 33.1911,
43.1310

216.4600,
217.5887, 260.7342

23.3179, 22.2729,
29.6558

261.8584,
263.9682, 314.4537

14.9504, 14.0576,
19.3276

313.1981,
316.5102, 375.0873

8.8707, 8.1607,
11.7280

370.8445,

4.7133, 4.1980,

375.5990, 443.0533

6.4385

435.1629,
441.6190, 518.7704

■ 2.1131, 1.7849,
3.0404

■ 0.6963, 0.4777,
1.1153

■ 86.9726, 86.0071,
106.6248

■ 86.9726, 86.0071,
106.6248

■ 78.6202, 71.7503,
104.3132

95.0500, 100.0000,
108.9000

■ 71.3047, 59.5079,
102.3358

■ 64.9804, 49.1880,
100.6771

■ 59.5952, 40.6870,
99.3201

■ 55.0924, 33.8917,
98.2458

■ 51.4086, 28.6761,
97.4332

■ 48.4719, 24.8965,
96.8585

■ 46.1970, 22.3827,
96.4932

■ 44.4624, 20.8926,
96.2970

Harmonies

Analogous

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



84.0319, 86.0071, 112.9214



86.9726, 86.0071, 106.6248



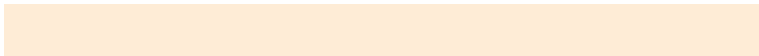
88.5271, 86.0071, 97.1169

Triad

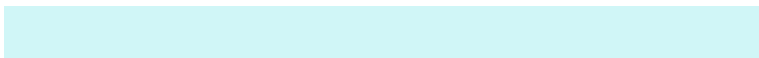
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9726, 86.0071, 106.6248



82.9499, 86.0071, 75.9868



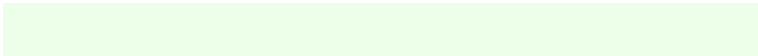
75.5936, 86.0071, 100.2812

Complementary

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



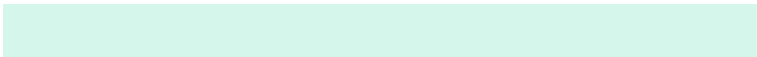
86.9726, 86.0071, 106.6248



85.3952, 95.4088, 91.0101

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.



75.3226, 86.0071, 90.2609



86.9726, 86.0071, 106.6248



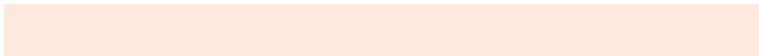
79.5042, 86.0071, 76.7012

Square

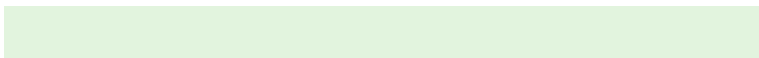
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



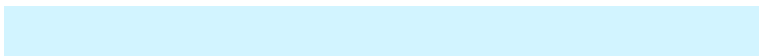
86.9726, 86.0071, 106.6248



86.1612, 86.0071, 79.7413



76.7353, 86.0071, 81.7676



77.4865, 86.0071, 109.0823

Rectangle

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



86.9726, 86.0071, 106.6248



88.5390, 86.0071, 90.4401



76.7353, 86.0071, 81.7676



75.3119, 86.0071, 96.9291

Sweetspot

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



86.9749, 86.0107, 106.6254



92.1481, 94.9530, 108.0788



81.9514, 85.1351, 106.7212



19.5611, 20.0422, 23.0875



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.



86.9749, 86.0107, 106.6254



85.7629, 83.9271, 106.2871



87.3293, 86.3206, 100.8944



18.4498, 18.1236, 22.7757



23.2355, 10.8888, 50.3117



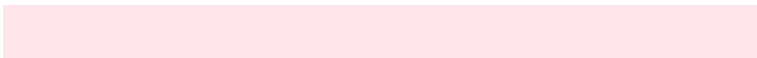
2.3428, 1.1017, 4.9024

Inverse Universe

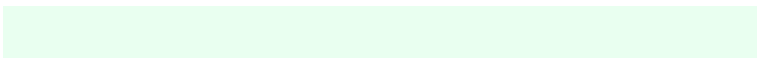
The Inverse Universe completely reimagines the original color for something new.



85.6672, 85.6558, 92.1420



84.2686, 83.5240, 89.6244



85.0900, 95.1342, 96.2932



18.1442, 18.0410, 19.3765



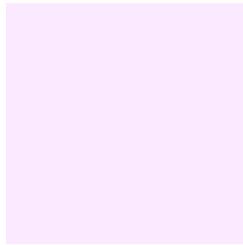
21.8487, 11.2288, 2.5878



2.1620, 1.1072, 0.4345

Previews

White Background



This preview shows how the XYZ color 86.9726, 86.0071, 106.6248 looks on a white background.

Color Contrast Check

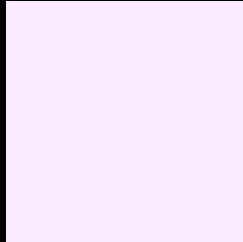
Large Text (above 18pt) WCAG AA × Fail

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 86.9726, 86.0071, 106.6248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

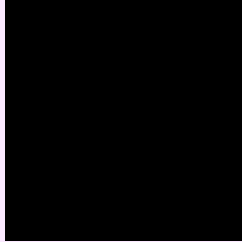
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.9726, 86.0071, 106.6248

Background



This preview shows how black text looks on a background with the XYZ color 86.9726, 86.0071, 106.6248.



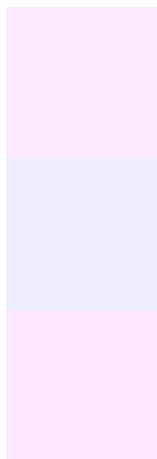
This preview shows how white text looks on a background with the XYZ color 86.9726, 86.0071,

106.6248.

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

86.9726, 86.0071, 106.6248

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

87.7797, 86.0041, 106.5817



Tritanopia

86.7772, 86.3831, 104.1954

Trichromacy



Original Color

86.9726, 86.0071, 106.6248

Protanomaly

85.0076, 86.2656, 106.7783

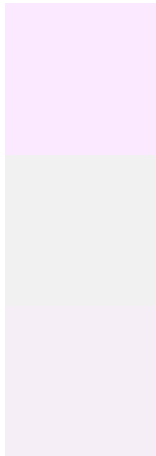
Deuteranomaly

87.4146, 85.8159, 106.5646

Tritanomaly

86.9361, 86.4467, 105.0324

Monochromacy



Original Color

86.9726, 86.0071, 106.6248

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.8653, 87.2154, 99.5501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9726, 86.0071, 106.6248 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 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(251, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.9726, 86.0071, 106.6248 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, 233, 255) }
```


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

```
.border{ border-color:rgb(251, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9726, 86.0071, 106.6248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 255) }
```

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

```
.background{ background-color: rgb(251,  
233, 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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