

Converting Colors

XYZ(88.6645, 87.5392,
105.8152)

Have a look what the booklet for
XYZ(88.6645, 87.5392, 105.8152)
contains.

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Color

**XYZ(88.8377, 87.8324,
106.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBFE
RGB	255, 235, 254
RGB Percent	100%, 92%, 100%
CMY	0.0000, 0.0784, 0.0039
CMYK	0.00, 0.08, 0.00, 0.00
HSL	303°, 100%, 96%
HSV	303°, 8%, 100%
XYZ	88.8377, 87.8324, 106.0370
YIQ	243.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 235, 254
Decimal	16772094
CIE _{Lab}	95.09, 10.03, -6.71
CIE _{LCh}	95, 12.064, 326.225
Yxy	87.8324, 0.3142, 0.3107
Android (android.graphics.Color)	4294962174 (0xFFFFEAFE)
YUV	243.1460, 5.3510, 10.3960
Hunter-Lab	93.7189, 5.1949, -1.4796

Details

The XYZ color **88.8377, 87.8324, 106.0370** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1639, 95.2396, 93.2547**, and the grayscale version is **85.2649, 89.7053, 97.6891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.4868, 48.2772, 59.5335** is the 20% darker color. If you saturate the color by 10%, you get **81.8511, 74.1841, 102.7065**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



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



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



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



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8377, 87.8324, 106.0370 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 88.8377, 87.8324, 106.0370 by changing the saturation by 10% instead.

 88.8377, 87.8324,
106.0370

 88.8377, 87.8324,
106.0370


512.5371,
520.9542, 600.7905

 67.3501, 66.1843,
80.7069


144.6094,
144.3238, 171.5529

 49.6410, 48.4220,
59.7706

179.6243,
179.9359, 212.5758

 35.3448, 34.1612,
42.8097


219.8790,
220.9714, 259.6668

 24.0964, 23.0175,
29.4055

265.7388,
267.8147, 313.2442

 15.5303, 14.6064,
19.1396

317.5692,
320.8503, 373.7268

 9.2811, 8.5436,
11.5934

375.7355,

 4.9836, 4.4447,

380.4624, 441.5330

6.3483

440.6030,
447.0356, 517.0814

■ 2.2723, 1.9253,
2.9858

■ 0.7804, 0.5635,
1.0874

■ 88.8377, 87.8324,
106.0370

■ 88.8377, 87.8324,
106.0370

■ 81.8511, 74.1841,
102.7065

95.0500, 100.0000,
108.9000

■ 75.8661, 62.5372,
99.7153

■ 70.8371, 52.8002,
97.0495

■ 66.7128, 44.8705,
94.6918

■ 63.4372, 38.6358,
92.6237

■ 60.9478, 33.9715,
90.8243

■ 59.1736, 30.7356,
89.2700

■ 58.0310, 28.7606,
87.9328

■ 57.4081, 27.8229,
86.7753

Harmonies

Analogous

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



86.3016, 87.8324, 112.7790



88.8377, 87.8324, 106.0370



89.9380, 87.8324, 96.8294

Triad

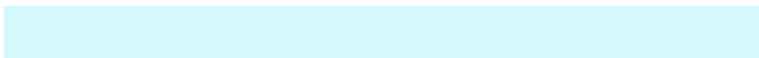
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8377, 87.8324, 106.0370



83.8982, 87.8324, 78.7120



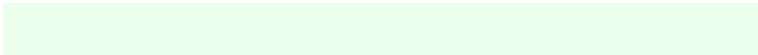
77.9485, 87.8324, 103.8445

Complementary

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



88.8377, 87.8324, 106.0370



85.1639, 95.2396, 93.2547

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.



77.3427, 87.8324, 94.4496



88.8377, 87.8324, 106.0370



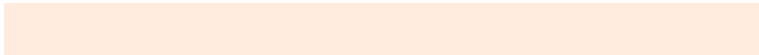
80.7246, 87.8324, 80.3221

Square

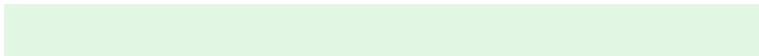
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



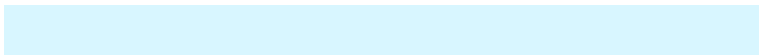
88.8377, 87.8324, 106.0370



87.0394, 87.8324, 81.3859



78.3461, 87.8324, 85.9357



80.0230, 87.8324, 111.4561

Rectangle

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



88.8377, 87.8324, 106.0370



89.6885, 87.8324, 90.6737



78.3461, 87.8324, 85.9357



77.5688, 87.8324, 100.7732

Sweetspot

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



88.8397, 87.8359, 106.0389



93.4036, 96.7727, 108.1490



82.2434, 84.4169, 106.5671



20.0094, 20.7471, 23.1562



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.



88.8397, 87.8359, 106.0389



87.9767, 86.1478, 105.6346



87.3303, 87.2321, 98.0907



18.7512, 18.2838, 22.5728



29.9612, 14.4738, 45.3078



2.9288, 1.4139, 4.4724

Inverse Universe

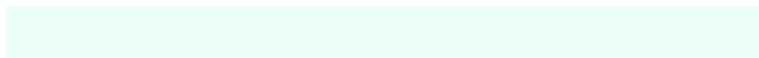
The Inverse Universe completely reimagines the original color for something new.



88.8397, 87.8359, 106.0389



87.9767, 86.1478, 105.6346



86.6067, 95.8167, 100.8528



18.7512, 18.2838, 22.5728



29.9612, 14.4738, 45.3078



2.9288, 1.4139, 4.4724

Previews

White Background



This preview shows how the XYZ color 88.8377, 87.8324, 106.0370 looks on a white background.

Color Contrast Check

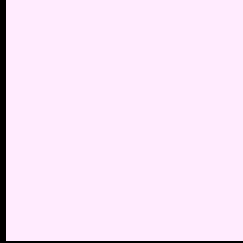
Large Text (above 18pt) WCAG AA × Fail

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 88.8377, 87.8324, 106.0370 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 88.8377, 87.8324, 106.0370

Background



This preview shows how black text looks on a background with the XYZ color 88.8377, 87.8324, 106.0370.

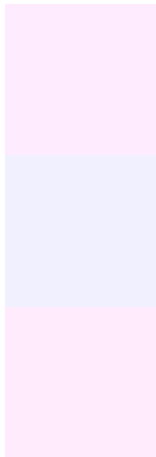


This preview shows how white text looks on a background with the XYZ color 88.8377, 87.8324,

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

88.8377, 87.8324, 106.0370

Protanopia

85.4857, 88.2409, 107.1344

Deuteranopia

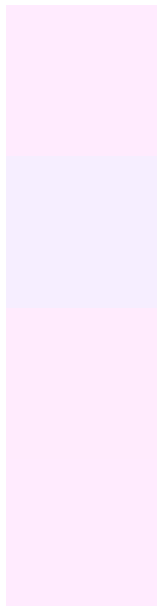
88.5190, 87.7049, 104.3588



Tritanopia

88.8377, 87.8324, 106.0370

Trichromacy



Original Color

88.8377, 87.8324, 106.0370

Protanomaly

86.6306, 87.9619, 107.0202

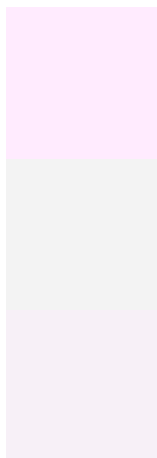
Deuteranomaly

88.6780, 87.7685, 105.1957

Tritanomaly

88.8377, 87.8324, 106.0370

Monochromacy



Original Color

88.8377, 87.8324, 106.0370

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

86.3064, 88.8097, 100.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8377, 87.8324, 106.0370 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, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 254)  
}
```

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, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 254) }
```

Border

The CSS property to change the border of an element to XYZ 88.8377, 87.8324, 106.0370 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, 235, 254) }
```


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

```
.border{ border-color:rgb(255, 235, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8377, 87.8324, 106.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 254) }
```

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

```
.background{ background-color: rgb(255,  
235, 254) }
```

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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