

Converting Colors

XYZ(90.1386, 89.3656,
100.6092)

Have a look what the booklet for
XYZ(90.1386, 89.3656, 100.6092)
contains.

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Color

**XYZ(88.3127, 88.5438,
100.4318)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFEDF7 |
| RGB | 255, 237, 247 |
| RGB Percent | 100%, 93%, 97% |
| CMY | 0.0000, 0.0706, 0.0314 |
| CMYK | 0.00, 0.07, 0.03, 0.00 |
| HSL | 327°, 100%, 96% |
| HSV | 327°, 7%, 100% |
| XYZ | 88.3127, 88.5438, 100.4318 |
| YIQ | 243.5220, 7.5180, 6.9260 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 237, 247 |
| Decimal | 16772599 |
| CIE Lab | 95.39, 7.77, -2.63 |
| CIE LCh | 95, 8.208, 341.277 |
| Yxy | 88.5438, 0.3185, 0.3193 |
| Android (android.graphics.Color) | 4294962679 (0xFFFFEDF7) |
| YUV | 243.5220, 1.7147, 10.0662 |
| Hunter-Lab | 94.0977, 2.8550, 2.5874 |

Details

The XYZ color **88.3127, 88.5438, 100.4318** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.1692, 96.1184, 100.3481**, and the grayscale version is **85.5917, 90.0491, 98.0635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2165, 48.8151, 56.1185** is the 20% darker color. If you saturate the color by 10%, you get **79.7521, 74.1371, 89.2098**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

Blue (97%)



Red (100%)

Yellow (93%)

Blue (97%)



Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3127, 88.5438, 100.4318 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 88.3127, 88.5438, 100.4318 by changing the saturation by 10% instead.


 88.3127, 88.5438,
100.4318

 88.3127, 88.5438,
100.4318


510.8468,
523.2824, 582.8347

 66.9137, 66.7735,
76.0423


143.8827,
145.3140, 163.8075

 49.2850, 48.9006,
55.9603


178.7845,
181.0827, 203.6308

 35.0610, 34.5406,
39.7673


218.9179,
222.2864, 249.4357

 23.8766, 23.3092,
27.0448

264.6483,
269.3093, 301.6409

 15.3664, 14.8220,
17.3741

316.3410,
322.5360, 360.6649

 9.1649, 8.6946,
10.3368

374.3614,

 4.9069, 4.5425,

382.3509, 426.9261

5.5143

439.0749,
449.1382, 500.8432

■ 2.2269, 1.9814,
2.4881

■ 0.7569, 0.5966,
0.8339

■ 88.3127, 88.5438,
100.4318

■ 88.3127, 88.5438,
100.4318

■ 79.7521, 74.1371,
89.2098

95.0500, 100.0000,
108.9000

■ 72.2998, 61.7802,
78.8715

■ 65.9086, 51.3814,
69.3928

■ 60.5256, 42.8379,
60.7463

■ 56.0929, 36.0376,
52.9027

■ 52.5468, 30.8560,
45.8303

■ 49.8148, 27.1518,
39.4943

■ 47.8122, 24.7593,
33.8552

■ 46.4314, 23.4669,
28.8658

Harmonies

Analogous

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



87.0380, 88.5438, 106.0009



88.3127, 88.5438, 100.4318



88.4626, 88.5438, 94.0119

Triad

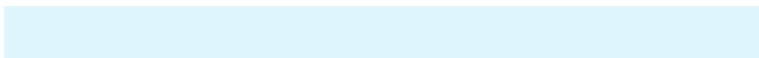
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3127, 88.5438, 100.4318



83.3170, 88.5438, 84.7872



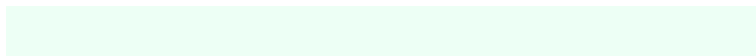
80.9559, 88.5438, 104.7963

Complementary

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



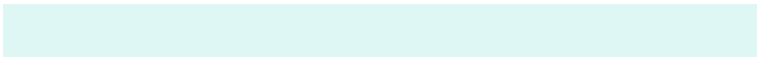
88.3127, 88.5438, 100.4318



87.1692, 96.1184, 100.3481

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.



79.9958, 88.5438, 98.8468



88.3127, 88.5438, 100.4318



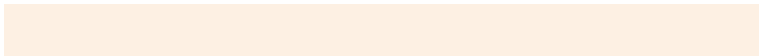
81.3427, 88.5438, 87.4142

Square

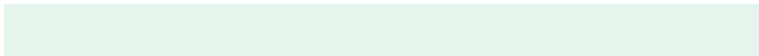
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



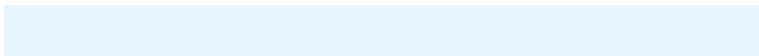
88.3127, 88.5438, 100.4318



85.5513, 88.5438, 85.1691



80.1361, 88.5438, 92.4954



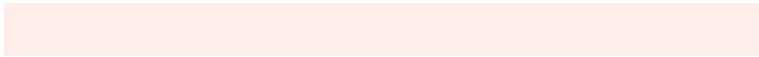
82.7803, 88.5438, 108.5970

Rectangle

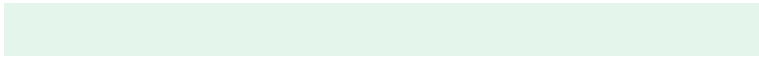
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



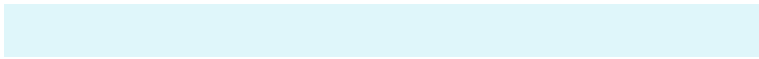
88.3127, 88.5438, 100.4318



87.9014, 88.5438, 90.1326



80.1361, 88.5438, 92.4954



80.5228, 88.5438, 102.9705

Sweetspot

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



88.3147, 88.5474, 100.4337



93.0817, 96.6439, 106.4539



85.9236, 87.1690, 106.9044



19.9439, 20.7209, 22.8113



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.



88.3147, 88.5474, 100.4337



87.4581, 87.0975, 99.3362



86.9888, 88.0170, 93.4516



18.4318, 18.1560, 20.8910



24.1628, 12.1544, 14.7734



2.4077, 1.2054, 1.7282

Inverse Universe

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



88.3147, 88.5474, 100.4337



87.4581, 87.0975, 99.3362



88.5445, 96.6685, 107.5905



18.4318, 18.1560, 20.8910



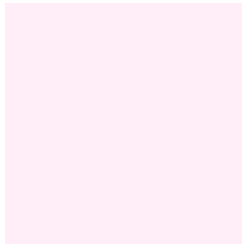
24.1628, 12.1544, 14.7734



2.4077, 1.2054, 1.7282

Previews

White Background



This preview shows how the XYZ color 88.3127, 88.5438, 100.4318 looks on a white background.

Color Contrast Check

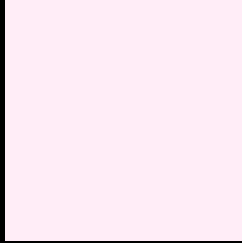
Large Text (above 18pt) WCAG AA × Fail

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 88.3127, 88.5438, 100.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

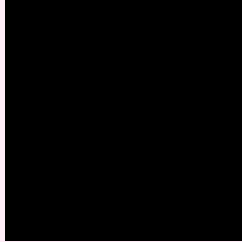
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3127, 88.5438, 100.4318

Background



This preview shows how black text looks on a background with the XYZ color 88.3127, 88.5438, 100.4318.



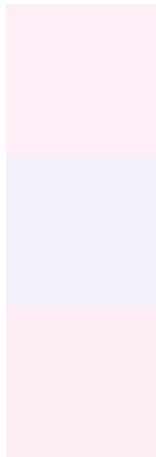
This preview shows how white text looks on a background with the XYZ color 88.3127, 88.5438,

100.4318.

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

88.3127, 88.5438, 100.4318

Protanopia

85.5672, 88.3928, 102.1742

Deuteranopia

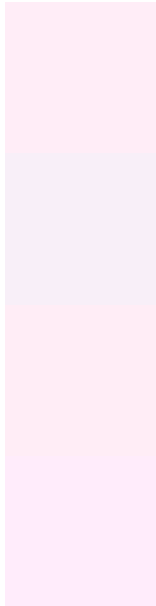
88.0056, 88.4209, 98.8148



Tritanopia

88.9651, 88.3428, 105.2914

Trichromacy



Original Color

88.3127, 88.5438, 100.4318

Protanomaly

86.5212, 88.4668, 101.3226

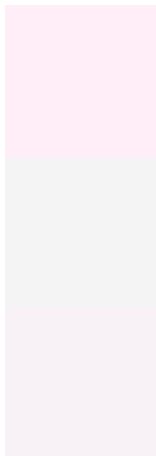
Deuteranomaly

88.1587, 88.4822, 99.6211

Tritanomaly

88.6480, 88.2159, 103.6219

Monochromacy



Original Color

88.3127, 88.5438, 100.4318

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.6481, 89.4596, 99.0868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3127, 88.5438, 100.4318 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, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 247)  
}
```

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, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.3127, 88.5438, 100.4318 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, 237, 247) }
```


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

```
.border{ border-color:rgb(255, 237, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3127, 88.5438, 100.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 247) }
```

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

```
.background{ background-color: rgb(255,  
237, 247) }
```

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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