

Converting Colors

XYZ(98.4466, 92.1320,
158.7009)

Have a look what the booklet for
XYZ(98.4466, 92.1320, 158.7009)
contains.

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Color

**XYZ(88.5535, 88.0936,
106.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	FDECFE
RGB	253, 236, 255
RGB Percent	99%, 93%, 100%
CMY	0.0078, 0.0745, 0.0000
CMYK	0.01, 0.07, 0.00, 0.00
HSL	294°, 100%, 96%
HSV	294°, 7%, 100%
XYZ	88.5535, 88.0936, 106.9442
YIQ	243.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

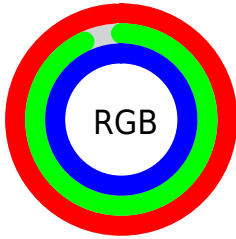
Format	Color
R_{YB}	253, 236, 255
Decimal	16641279
CIE Lab	95.20, 9.03, -7.08
CIE LCh	95, 11.477, 321.904
Yxy	88.0936, 0.3123, 0.3106
Android (android.graphics.Color)	4294831359 (0xFFFDEEFF)
YUV	243.2490, 5.7932, 8.5516
Hunter-Lab	93.8582, 4.1597, -1.8557

Details

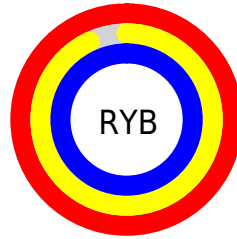
The XYZ color **88.5535, 88.0936, 106.9442** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1625, 95.7543, 93.3026**, and the grayscale version is **85.3448, 89.7894, 97.7807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2793, 48.4555, 60.1816** is the 20% darker color. If you saturate the color by 10%, you get **80.7605, 73.9464, 104.6243**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

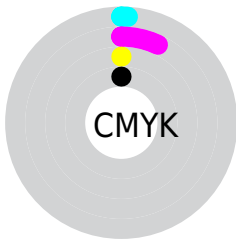
Distribution



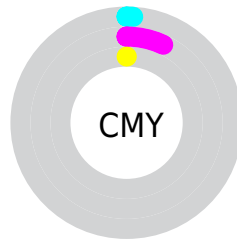
- Red (99%)
- Green (93%)
- Blue (100%)



- Red (99%)
- Yellow (93%)
- Blue (100%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5535, 88.0936, 106.9442 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 88.5535, 88.0936, 106.9442 by changing the saturation by 10% instead.


 88.5535, 88.0936,
106.9442

 88.5535, 88.0936,
106.9442


511.6224,
521.8097, 603.6701

 67.1139, 66.4006,
81.4634

144.2161,
144.6875, 172.8027

 49.4482, 48.5977,
60.3901


179.1698,
180.3571, 214.0173

 35.1912, 34.3004,
43.3058


219.3588,
221.4544, 261.3137

 23.9774, 23.1245,
29.7919

265.1486,
268.3638, 315.1104

 15.4415, 14.6855,
19.4300

316.9045,
321.4696, 375.8258

 9.2181, 8.5989,
11.8014

374.9919,

 4.9420, 4.4805,

381.1562, 443.8785

6.4877

439.7761,
447.8082, 519.6871

■ 2.2477, 1.9458,
3.0703

■ 0.7677, 0.5757,
1.1306

■ 88.5535, 88.0936,
106.9442

■ 88.5535, 88.0936,
106.9442

■ 80.7605, 73.9464,
104.6243

95.0500, 100.0000,
108.9000

■ 73.9828, 61.8105,
102.6390

■ 68.1754, 51.5948,
100.9733

■ 63.2870, 43.1971,
99.6100

■ 59.2617, 36.5055,
98.5306

■ 56.0373, 31.3957,
97.7142

■ 53.5432, 27.7267,
97.1375

■ 51.6963, 25.3323,
96.7727

■ 50.3883, 23.9958,
96.5836

Harmonies

Analogous

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



85.9942, 88.0936, 112.8051



88.5535, 88.0936, 106.9442



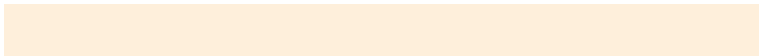
89.8273, 88.0936, 98.3654

Triad

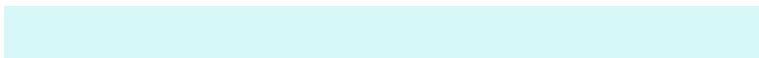
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5535, 88.0936, 106.9442



84.5803, 88.0936, 79.8558



78.2729, 88.0936, 102.4896

Complementary

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



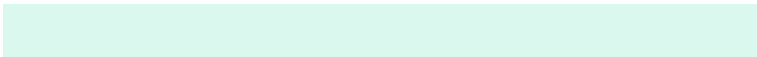
88.5535, 88.0936, 106.9442



86.1625, 95.7543, 93.3026

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.



77.9156, 88.0936, 93.5134



88.5535, 88.0936, 106.9442



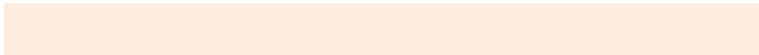
81.5065, 88.0936, 80.8081

Square

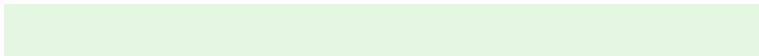
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



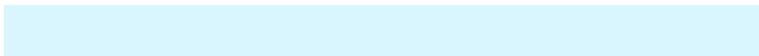
88.5535, 88.0936, 106.9442



87.4964, 88.0936, 82.9914



79.0855, 88.0936, 85.6788



80.0739, 88.0936, 110.1238

Rectangle

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



88.5535, 88.0936, 106.9442



89.7546, 88.0936, 92.4095



79.0855, 88.0936, 85.6788



77.9818, 88.0936, 99.5162

Sweetspot

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



88.5558, 88.0973, 106.9448



93.2474, 96.6875, 108.3556



83.2832, 86.3322, 106.8820



19.9777, 20.7298, 23.1983



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.



88.5558, 88.0973, 106.9448



87.2780, 85.7663, 106.5623



88.1369, 88.0142, 100.9216



18.5933, 18.1976, 22.7825



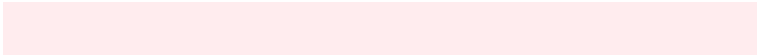
26.2544, 12.4451, 50.4530



2.6081, 1.2385, 4.9149

Inverse Universe

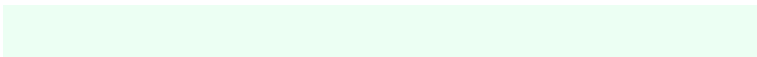
The Inverse Universe completely reimagines the original color for something new.



86.6704, 87.4276, 93.1993



85.0288, 84.9686, 90.1113



86.5751, 95.8423, 98.9578



18.0870, 18.0181, 19.0754



21.6761, 11.1597, 1.6790



2.1349, 1.0963, 0.2917

Previews

White Background



This preview shows how the XYZ color 88.5535, 88.0936, 106.9442 looks on a white background.

Color Contrast Check

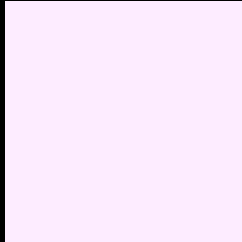
Large Text (above 18pt) WCAG AA × Fail

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 88.5535, 88.0936, 106.9442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

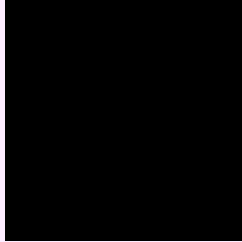
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

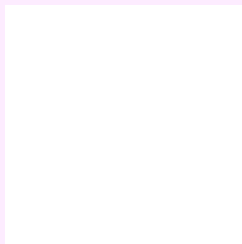
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5535, 88.0936, 106.9442

Background



This preview shows how black text looks on a background with the XYZ color 88.5535, 88.0936, 106.9442.



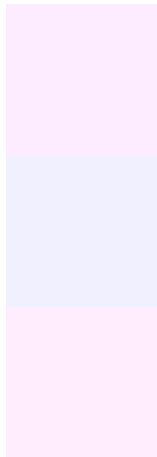
This preview shows how white text looks on a background with the XYZ color 88.5535, 88.0936,

106.9442.

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

88.5535, 88.0936, 106.9442

Protanopia

85.4857, 88.2409, 107.1344

Deuteranopia

88.9651, 88.3428, 105.2914



Tritanopia

88.5535, 88.0936, 106.9442

Trichromacy



Original Color

88.5535, 88.0936, 106.9442

Protanomaly

86.5727, 88.3655, 107.1011

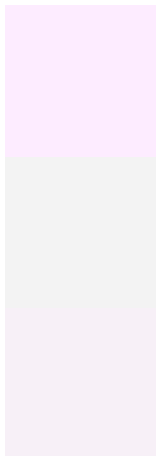
Deuteranomaly

88.7579, 88.2175, 106.1156

Tritanomaly

88.5535, 88.0936, 106.9442

Monochromacy



Original Color

88.5535, 88.0936, 106.9442

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 88.5535, 88.0936, 106.9442 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(253, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 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(253, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.5535, 88.0936, 106.9442 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(253, 236, 255) }
```


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

```
.border{ border-color:rgb(253, 236, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 236, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5535, 88.0936, 106.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 255) }
```

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

```
.background{ background-color: rgb(253,  
236, 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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