

Converting Colors

XYZ(122.3537, 104.7924,
107.4063)

Have a look what the booklet for
XYZ(122.3537, 104.7924, 107.4063)
contains.

XYZ(88.5522, 87.2614, 105.9419)	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(88.5522, 87.2614,
105.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAFE
RGB	255, 234, 254
RGB Percent	100%, 92%, 100%
CMY	0.0000, 0.0823, 0.0039
CMYK	0.00, 0.08, 0.00, 0.00
HSL	303°, 100%, 96%
HSV	303°, 8%, 100%
XYZ	88.5522, 87.2614, 105.9419
YIQ	242.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 234, 254
Decimal	16771838
CIE Lab	94.85, 10.54, -7.06
CIE LCh	95, 12.691, 326.180
Yxy	87.2614, 0.3143, 0.3097
Android (android.graphics.Color)	4294961918 (0xFFFFEAFE)
YUV	242.5590, 5.6404, 10.9108
Hunter-Lab	93.4138, 5.7360, -1.8519

Details

The XYZ color **88.5522, 87.2614, 105.9419** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.6897, 95.0118, 92.4760**, and the grayscale version is **84.7961, 89.2121, 97.1520**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2871, 47.8778, 59.4669** is the 20% darker color. If you saturate the color by 10%, you get **81.6154, 73.6973, 102.6757**, 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 88.5522, 87.2614, 105.9419 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 88.5522, 87.2614, 105.9419 by changing the saturation by 10% instead.


 88.5522, 87.2614,
105.9419

 88.5522, 87.2614,
105.9419


511.6183,
519.0814, 600.4882

 67.1128, 65.7115,
80.6276


144.2143,
143.5284, 171.4219

 49.4473, 48.0383,
59.7058


179.1677,
179.0144, 212.4246

 35.1905, 33.8572,
42.7578


219.3564,
219.9145, 259.4940

 23.9768, 22.7839,
29.3651

265.1459,
266.6132, 313.0484

 15.4411, 14.4340,
19.1092

316.9015,
319.4949, 373.5065

 9.2178, 8.4232,
11.5716

374.9885,

 4.9418, 4.3669,

378.9438, 441.2868

6.3337

439.7723,
445.3446, 516.8079

■ 2.2476, 1.8808,
2.9770

■ 0.7676, 0.5368,
1.0829

■ 88.5522, 87.2614,
105.9419

■ 88.5522, 87.2614,
105.9419

■ 81.6154, 73.6973,
102.6757

95.0500, 100.0000,
108.9000

■ 75.6783, 62.1309,
99.7475

■ 70.6951, 52.4705,
97.1434

■ 66.6145, 44.6131,
94.8461

■ 63.3800, 38.4461,
92.8369

■ 60.9290, 33.8442,
91.0949

■ 59.1902, 30.6646,
89.5963

■ 58.0792, 28.7387,
88.3130

■ 57.4798, 27.8342,
87.2062

Harmonies

Analogous

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



85.8896, 87.2614, 113.0313



88.5522, 87.2614, 105.9419



89.7101, 87.2614, 96.2793

Triad

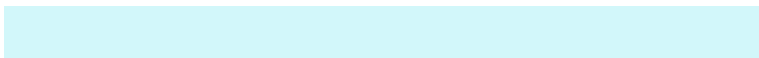
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5522, 87.2614, 105.9419



83.3804, 87.2614, 77.3506



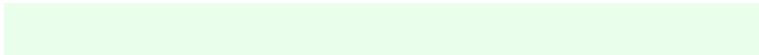
77.1485, 87.2614, 103.6109

Complementary

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



88.5522, 87.2614, 105.9419



84.6897, 95.0118, 92.4760

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.



76.5182, 87.2614, 93.7575



88.5522, 87.2614, 105.9419



80.0575, 87.2614, 79.0189

Square

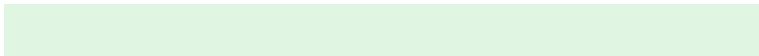
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5522, 87.2614, 105.9419



86.6725, 87.2614, 80.1392



77.5688, 87.2614, 84.8625



79.3150, 87.2614, 111.6216

Rectangle

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



88.5522, 87.2614, 105.9419



89.4499, 87.2614, 89.8353



77.5688, 87.2614, 84.8625



76.7526, 87.2614, 100.3856

Sweetspot

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



88.5542, 87.2649, 105.9438



93.4055, 96.7735, 108.1593



81.6384, 83.6811, 106.4570



20.0098, 20.7473, 23.1583



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.



88.5542, 87.2649, 105.9438



87.2532, 84.7179, 105.3409



86.9638, 86.6287, 97.5689



18.7532, 18.2846, 22.5832



30.0083, 14.4926, 45.5556



2.9329, 1.4155, 4.4938

Inverse Universe

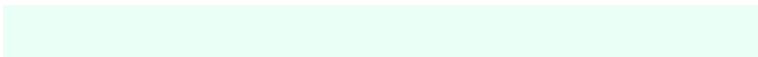
The Inverse Universe completely reimagines the original color for something new.



88.5542, 87.2649, 105.9438



87.2532, 84.7179, 105.3409



86.2060, 95.6184, 100.4612



18.7532, 18.2846, 22.5832



30.0083, 14.4926, 45.5556



2.9329, 1.4155, 4.4938

Previews

White Background



This preview shows how the XYZ color 88.5522, 87.2614, 105.9419 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 88.5522, 87.2614, 105.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

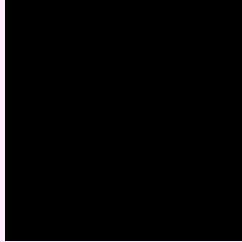
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

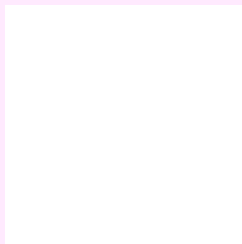
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5522, 87.2614, 105.9419

Background



This preview shows how black text looks on a background with the XYZ color 88.5522, 87.2614, 105.9419.



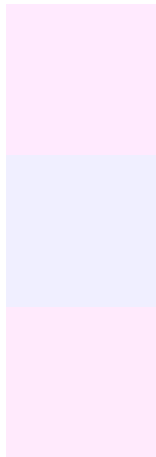
This preview shows how white text looks on a background with the XYZ color 88.5522, 87.2614,

105.9419.

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

88.5522, 87.2614, 105.9419

Protanopia

84.8517, 87.4783, 107.0206

Deuteranopia

88.2335, 87.1339, 104.2636



Tritanopia

88.3924, 87.1975, 105.1005

Trichromacy



Original Color

88.5522, 87.2614, 105.9419

Protanomaly

85.9904, 87.2009, 106.9070

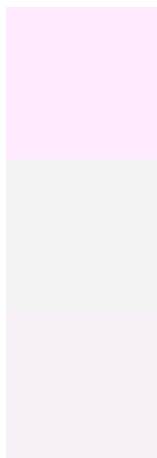
Deuteranomaly

88.3924, 87.1975, 105.1005

Tritanomaly

88.3924, 87.1975, 105.1005

Monochromacy



Original Color

88.5522, 87.2614, 105.9419

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 88.5522, 87.2614, 105.9419 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 254) }
```

Border

The CSS property to change the border of an element to XYZ 88.5522, 87.2614, 105.9419 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, 254) }
```


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

```
.border{ border-color:rgb(255, 234, 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, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5522, 87.2614, 105.9419 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
234, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor