

Converting Colors

XYZ(88.4625, 87.4506,
106.8249)

Have a look what the booklet for
XYZ(88.4625, 87.4506, 106.8249)
contains.

XYZ(88.6314, 87.7075, 106.8656)	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(88.6314, 87.7075,
106.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEEBFF</code>
RGB	<code>254, 235, 255</code>
RGB Percent	<code>100%, 92%, 100%</code>
CMY	<code>0.0039, 0.0784, 0.0000</code>
CMYK	<code>0.00, 0.08, 0.00, 0.00</code>
HSL	<code>297°, 100%, 96%</code>
HSV	<code>297°, 8%, 100%</code>
XYZ	<code>88.6314, 87.7075, 106.8656</code>
YIQ	<code>242.9610, 4.9040, 10.2480</code>

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 235, 255
Decimal	16706559
CIE _{Lab}	95.04, 9.88, -7.31
CIE _{LCh}	95, 12.289, 323.483
Yxy	87.7075, 0.3130, 0.3097
Android (android.graphics.Color)	4294896639 (0xFFFEEBFF)
YUV	242.9610, 5.9352, 9.6812
Hunter-Lab	93.6523, 5.0388, -2.0986

Details

The XYZ color **88.6314, 87.7075, 106.8656** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3497, 95.3521, 92.5081**, and the grayscale version is **85.1140, 89.5466, 97.5163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3391, 48.1877, 60.1268** is the 20% darker color. If you saturate the color by 10%, you get **81.3840, 73.9013, 104.5827**, 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 88.6314, 87.7075, 106.8656 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 88.6314, 87.7075, 106.8656 by changing the saturation by 10% instead.


 88.6314, 87.7075,
106.8656

 88.6314, 87.7075,
106.8656


511.8732,
520.5449, 603.4209

 67.1786, 66.0809,
81.3978


144.3239,
144.1499, 172.6944

 49.5010, 48.3380,
60.3364


179.2944,
179.7344, 213.8925

 35.2333, 34.0947,
43.2627

219.5014,
220.7403, 261.1711

 24.0100, 22.9663,
29.7584

265.3104,
267.5520, 314.9488

 15.4658, 14.5686,
19.4048

317.0868,
320.5540, 375.6441

 9.2354, 8.5172,
11.7834

375.1958,

 4.9534, 4.4276,

380.1305, 443.6755

6.4756

440.0028,
446.6660, 519.4616

■ 2.2544, 1.9155,
3.0629

■ 0.7712, 0.5577,
1.1269

■ 88.6314, 87.7075,
106.8656

■ 88.6314, 87.7075,
106.8656

■ 81.3840, 73.9013,
104.5827

95.0500, 100.0000,
108.9000

■ 75.1397, 62.0973,
102.6334

■ 69.8530, 52.2043,
101.0025

■ 65.4729, 44.1197,
99.6729

■ 61.9431, 37.7312,
98.6258

■ 59.2012, 32.9140,
97.8405

■ 57.1763, 29.5262,
97.2934

■ 55.7847, 27.4006,
96.9564

■ 54.9145, 26.3131,
96.7924

Harmonies

Analogous

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



85.9484, 87.7075, 113.3788



88.6314, 87.7075, 106.8656



89.9075, 87.7075, 97.6012

Triad

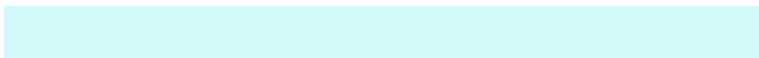
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6314, 87.7075, 106.8656



84.0943, 87.7075, 78.3672



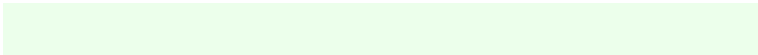
77.6113, 87.7075, 103.0158

Complementary

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



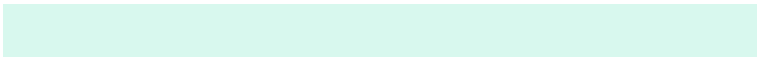
88.6314, 87.7075, 106.8656



85.3497, 95.3521, 92.5081

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.



77.1447, 87.7075, 93.4263



88.6314, 87.7075, 106.8656



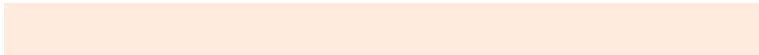
80.8306, 87.7075, 79.6045

Square

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



88.6314, 87.7075, 106.8656



87.2433, 87.7075, 81.4677



78.3083, 87.7075, 84.9676



79.6002, 87.7075, 111.0544

Rectangle

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



88.6314, 87.7075, 106.8656



89.7651, 87.7075, 91.2746



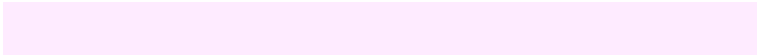
78.3083, 87.7075, 84.9676



77.2734, 87.7075, 99.8509

Sweetspot

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



88.6337, 87.7112, 106.8662



93.3509, 96.7408, 108.3605



82.3099, 84.8773, 106.6525



19.9987, 20.7406, 23.1992



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.



88.6337, 87.7112, 106.8662



87.7404, 86.0047, 106.5839



87.5850, 87.3340, 99.4318



18.6978, 18.2514, 22.7874



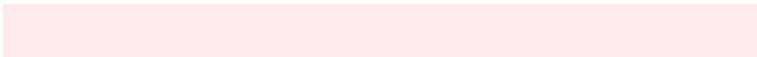
28.6525, 13.6814, 50.5652



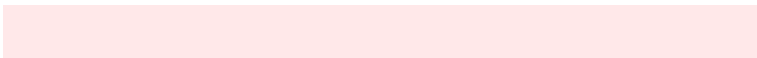
2.8162, 1.3457, 4.9246

Inverse Universe

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



86.0909, 86.7364, 91.5643



84.8467, 84.8958, 89.1522



86.3525, 95.7150, 99.5141



18.0461, 18.0018, 18.8601



21.6011, 11.1297, 1.2839



2.1156, 1.0886, 0.1900

Previews

White Background



This preview shows how the XYZ color 88.6314, 87.7075, 106.8656 looks on a white background.

Color Contrast Check

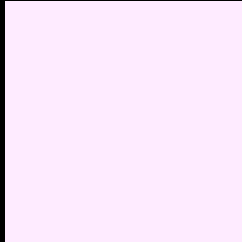
Large Text (above 18pt) WCAG AA × Fail

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 88.6314, 87.7075, 106.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

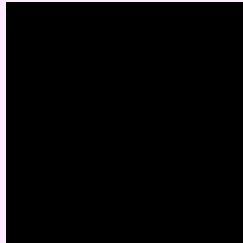
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6314, 87.7075, 106.8656

Background



This preview shows how black text looks on a background with the XYZ color 88.6314, 87.7075, 106.8656.



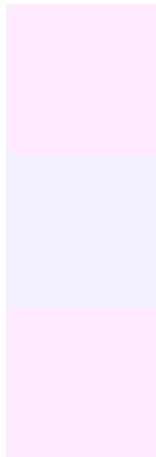
This preview shows how white text looks on a background with the XYZ color 88.6314, 87.7075,

106.8556.

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

88.6314, 87.7075, 106.8656

Protanopia

85.1453, 88.0654, 107.1184

Deuteranopia

88.6780, 87.7685, 105.1957



Tritanopia

88.4708, 87.6432, 106.0199

Trichromacy



Original Color

88.6314, 87.7075, 106.8656

Protanomaly

86.2807, 87.7815, 107.0038

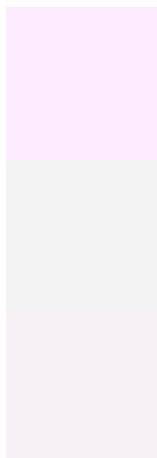
Deuteranomaly

88.8377, 87.8324, 106.0370

Tritanomaly

88.4708, 87.6432, 106.0199

Monochromacy



Original Color

88.6314, 87.7075, 106.8656

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 88.6314, 87.7075, 106.8656 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(254, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 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(254, 235, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 88.6314, 87.7075, 106.8656 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(254, 235, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 88.6314, 87.7075, 106.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(254,  
235, 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](#).

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