

Converting Colors

XYZ(89.3570, 89.0078,
107.0783)

Have a look what the booklet for
XYZ(89.3570, 89.0078, 107.0783)
contains.

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Color

**XYZ(89.2072, 88.8592,
107.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEDFF
RGB	254, 237, 255
RGB Percent	100%, 93%, 100%
CMY	0.0039, 0.0706, 0.0000
CMYK	0.00, 0.07, 0.00, 0.00
HSL	297°, 100%, 96%
HSV	297°, 7%, 100%
XYZ	89.2072, 88.8592, 107.0576
YIQ	244.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 237, 255
Decimal	16707071
CIE Lab	95.52, 8.85, -6.60
CIE LCh	96, 11.036, 323.285
Yxy	88.8592, 0.3129, 0.3117
Android (android.graphics.Color)	4294897151 (0xFFFEEDFF)
YUV	244.1350, 5.3564, 8.6516
Hunter-Lab	94.2652, 3.9583, -1.3505

Details

The XYZ color **89.2072, 88.8592, 107.0576** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.3083, 95.8127, 94.0701**, and the grayscale version is **86.0552, 90.5368, 98.5946**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.7429, 48.9953, 60.2614** is the 20% darker color. If you saturate the color by 10%, you get **81.8278, 74.8655, 104.7454**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



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



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.2072, 88.8592, 107.0576 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 89.2072, 88.8592, 107.0576 by changing the saturation by 10% instead.


 89.2072, 88.8592,
107.0576

 89.2072, 88.8592,
107.0576


513.7249,
524.3129, 604.0296

 67.6574, 67.0349,
81.5579


145.1206,
145.7528, 172.9588

 49.8917, 49.1130,
60.4675


180.2150,
181.5908, 214.1974

 35.5448, 34.7091,
43.3678


220.5548,
222.8688, 261.5194

 24.2513, 23.4389,
29.8403

266.5056,
269.9712, 315.3434

 15.6459, 14.9179,
19.4664

318.4327,
323.2824, 376.0879

 9.3632, 8.7618,
11.8275

376.7013,

 5.0378, 4.5861,

383.1868, 444.1714

6.5052

441.6770,
450.0689, 520.0124

■ 2.3045, 2.0065,
3.0809

■ 0.7969, 0.6113,
1.1361

■ 89.2072, 88.8592,
107.0576

■ 89.2072, 88.8592,
107.0576

■ 81.8278, 74.8655,
104.7454

95.0500, 100.0000,
108.9000

■ 75.4557, 62.8814,
102.7681

■ 70.0459, 52.8165,
101.1105

■ 65.5475, 44.5686,
99.7556

■ 61.9047, 38.0264,
98.6848

■ 59.0558, 33.0662,
97.8776

■ 56.9305, 29.5478,
97.3105

■ 55.4465, 27.3062,
96.9560

■ 54.4983, 26.1307,
96.7791

Harmonies

Analogous

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



86.7783, 88.8592, 112.8756



89.2072, 88.8592, 107.0576



90.3676, 88.8592, 98.7137

Triad

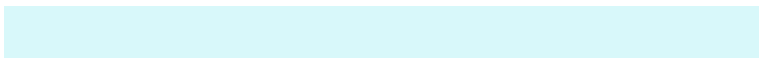
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2072, 88.8592, 107.0576



85.1400, 88.8592, 81.1330



79.2268, 88.8592, 103.4884

Complementary

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



89.2072, 88.8592, 107.0576



86.3083, 95.8127, 94.0701

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.



78.8118, 88.8592, 94.8176



89.2072, 88.8592, 107.0576



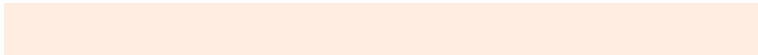
82.1794, 88.8592, 82.2430

Square

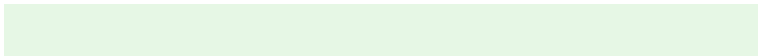
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2072, 88.8592, 107.0576



87.9835, 88.8592, 84.0035



79.8804, 88.8592, 87.1310



81.0280, 88.8592, 110.7305

Rectangle

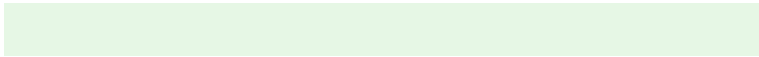
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



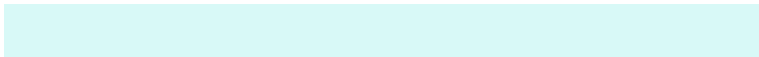
89.2072, 88.8592, 107.0576



90.2466, 88.8592, 92.9748



79.8804, 88.8592, 87.1310



78.9224, 88.8592, 100.6313

Sweetspot

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



89.2095, 88.8629, 107.0582



93.3405, 96.7354, 108.3600



83.6114, 86.4944, 106.8960



19.9966, 20.7396, 23.1991



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.



89.2095, 88.8629, 107.0582



88.4687, 87.4538, 106.8252



88.3457, 88.5597, 100.5971



18.6872, 18.2460, 22.7869



28.4027, 13.5526, 50.5535



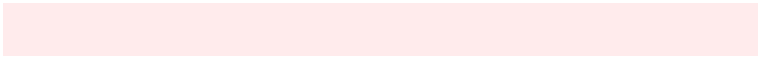
2.7947, 1.3346, 4.9236

Inverse Universe

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



86.9592, 88.0051, 93.2957



85.9353, 86.4884, 91.3175



87.1384, 96.1061, 100.1865



18.0502, 18.0034, 18.8817



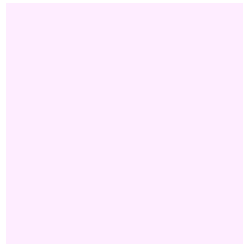
21.6070, 11.1321, 1.3149



2.1175, 1.0894, 0.2002

Previews

White Background



This preview shows how the XYZ color 89.2072, 88.8592, 107.0576 looks on a white background.

Color Contrast Check

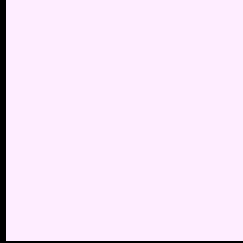
Large Text (above 18pt) WCAG AA × Fail

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 89.2072, 88.8592, 107.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

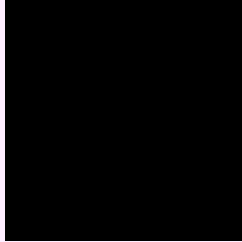
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

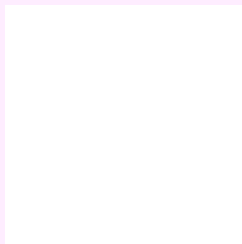
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.2072, 88.8592, 107.0576

Background



This preview shows how black text looks on a background with the XYZ color 89.2072, 88.8592, 107.0576.

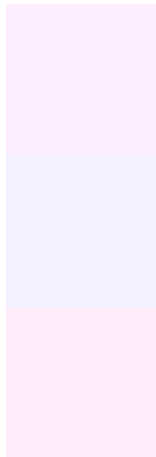


This preview shows how white text looks on a background with the XYZ color 89.2072, 88.8592,

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

89.2072, 88.8592, 107.0576

Protanopia

86.1232, 89.0078, 107.2488

Deuteranopia

89.0949, 88.8566, 104.5507



Tritanopia

89.2072, 88.8592, 107.0576

Trichromacy



Original Color

89.2072, 88.8592, 107.0576

Protanomaly

87.2161, 89.1330, 107.2153

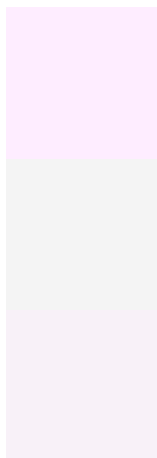
Deuteranomaly

89.2538, 88.9202, 105.3876

Tritanomaly

89.2072, 88.8592, 107.0576

Monochromacy



Original Color

89.2072, 88.8592, 107.0576

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

87.1100, 89.6444, 101.5188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2072, 88.8592, 107.0576 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.2072, 88.8592, 107.0576 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, 237, 255) }
```


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

```
.border{ border-color:rgb(254, 237, 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, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2072, 88.8592, 107.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 255) }
```

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

```
.background{ background-color: rgb(254,  
237, 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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