

Converting Colors

XYZ(115.4842, 100.0000,
248.9792)

Have a look what the booklet for
XYZ(115.4842, 100.0000, 248.9792)
contains.

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Color

**XYZ(88.7002, 89.4622,
107.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEFFF
RGB	251, 239, 255
RGB Percent	98%, 94%, 100%
CMY	0.0157, 0.0627, 0.0000
CMYK	0.02, 0.06, 0.00, 0.00
HSL	285°, 100%, 97%
HSV	285°, 6%, 100%
XYZ	88.7002, 89.4622, 107.2007
YIQ	244.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

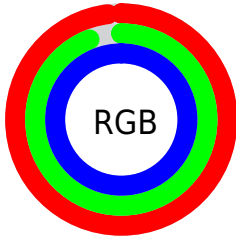
Format	Color
R _Y B	251, 239, 255
Decimal	16510975
CIE Lab	95.77, 6.83, -6.25
CIE LCh	96, 9.261, 317.539
Yxy	89.4622, 0.3108, 0.3135
Android (android.graphics.Color)	4294701055 (0xFFFBFFFF)
YUV	244.4120, 5.2199, 5.7777
Hunter-Lab	94.5845, 1.8724, -0.9893

Details

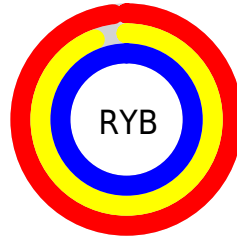
The XYZ color **88.7002, 89.4622, 107.2007** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.3043, 96.8077, 95.6974**, and the grayscale version is **86.2794, 90.7727, 98.8514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3747, 49.4135, 60.3615** is the 20% darker color. If you saturate the color by 10%, you get **79.4981, 74.4089, 104.7801**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

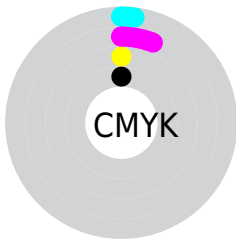
Distribution



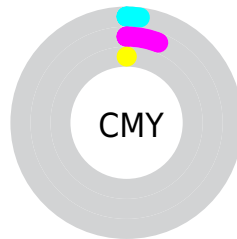
- Red (98%)
- Green (94%)
- Blue (100%)



- Red (98%)
- Yellow (94%)
- Blue (100%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7002, 89.4622, 107.2007 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 88.7002, 89.4622, 107.2007 by changing the saturation by 10% instead.


 88.7002, 89.4622,
107.2007

 88.7002, 89.4622,
107.2007


512.0947,
526.2799, 604.4830

 67.2358, 67.5347,
81.6773


144.4191,
146.5911, 173.1558

 49.5477, 49.5193,
60.5653


179.4044,
182.5614, 214.4246

 35.2705, 35.0316,
43.4462


219.6274,
223.9813, 261.7790

 24.0388, 23.6872,
29.9014

265.4533,
271.2352, 315.6374

 15.4873, 15.1017,
19.5123

317.2477,
324.7077, 376.4185

 9.2506, 8.8908,
11.8605

375.3758,

 4.9634, 4.6700,

384.7830, 444.5408

6.5274

440.2030,
451.8456, 520.4228

■ 2.2604, 2.0550,
3.0944

■ 0.7743, 0.6391,
1.1430

■ 88.7002, 89.4622,
107.2007

■ 88.7002, 89.4622,
107.2007

■ 79.4981, 74.4089,
104.7801

95.0500, 100.0000,
108.9000

■ 71.3795, 61.4099,
102.6989

■ 64.2991, 50.3748,
100.9421

■ 58.2055, 41.2018,
99.4927

■ 53.0426, 33.7799,
98.3323

■ 48.7483, 27.9863,
97.4403

■ 45.2524, 23.6816,
96.7937

■ 42.4728, 20.7029,
96.3652

■ 40.3075, 18.8473,
96.1212

Harmonies

Analogous

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



86.5174, 89.4622, 111.4227



88.7002, 89.4622, 107.2007



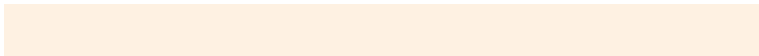
89.9096, 89.4622, 100.4710

Triad

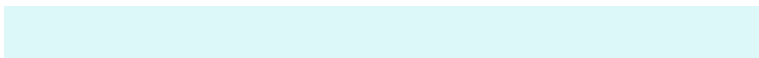
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7002, 89.4622, 107.2007



86.0936, 89.4622, 84.3299



80.4407, 89.4622, 101.7027

Complementary

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



88.7002, 89.4622, 107.2007



88.3043, 96.8077, 95.6974

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.



80.3324, 89.4622, 94.4101



88.7002, 89.4622, 107.2007



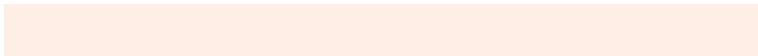
83.5620, 89.4622, 84.6227

Square

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



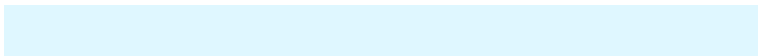
88.7002, 89.4622, 107.2007



88.3847, 89.4622, 87.4118



81.4647, 89.4622, 88.2327



81.7635, 89.4622, 108.1411

Rectangle

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



88.7002, 89.4622, 107.2007



89.9856, 89.4622, 95.5783



81.4647, 89.4622, 88.2327



80.2620, 89.4622, 99.2632

Sweetspot

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



88.7025, 89.4659, 107.2013



92.9771, 96.5481, 108.3430



85.7004, 89.6755, 107.3999



19.9227, 20.7014, 23.1957



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.



88.7025, 89.4659, 107.2013



87.0327, 86.7135, 106.7580



89.5210, 89.9615, 103.9140



18.3232, 18.0583, 22.7698



20.8361, 9.6519, 50.1994



2.1285, 0.9912, 4.8924

Inverse Universe

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



88.2864, 89.4676, 97.4128



86.5175, 86.7213, 94.3830



87.5368, 96.3430, 98.7798



18.1956, 18.0616, 19.6472



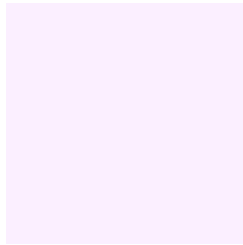
22.0783, 11.3206, 3.7969



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 88.7002, 89.4622, 107.2007 looks on a white background.

Color Contrast Check

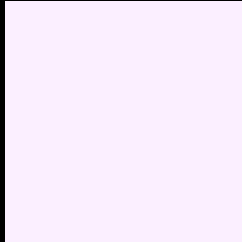
Large Text (above 18pt) WCAG AA × Fail

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 88.7002, 89.4622, 107.2007 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 88.7002, 89.4622, 107.2007

Background



This preview shows how black text looks on a background with the XYZ color 88.7002, 89.4622, 107.2007.



This preview shows how white text looks on a background with the XYZ color 88.7002, 89.4622,

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

88.7002, 89.4622, 107.2007

Protanopia

86.7643, 89.7789, 107.3638

Deuteranopia

89.3852, 89.4373, 104.6475



Tritanopia

88.3408, 89.2770, 107.1839

Trichromacy



Original Color

88.7002, 89.4622, 107.2007

Protanomaly

87.5113, 89.7234, 107.3138

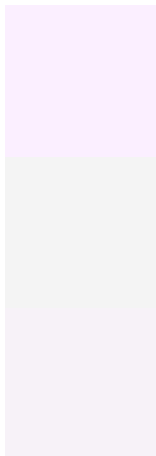
Deuteranomaly

89.1772, 89.3118, 105.4673

Tritanomaly

88.3408, 89.2770, 107.1839

Monochromacy



Original Color

88.7002, 89.4622, 107.2007

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

87.0532, 90.0557, 101.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7002, 89.4622, 107.2007 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(251, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 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(251, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.7002, 89.4622, 107.2007 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(251, 239, 255) }
```


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

```
.border{ border-color:rgb(251, 239, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7002, 89.4622, 107.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 255) }
```

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

```
.background{ background-color: rgb(251,  
239, 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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