

Converting Colors

XYZ(87.5533, 89.0444,
107.1805)

Have a look what the booklet for
XYZ(87.5533, 89.0444, 107.1805)
contains.

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Color

**XYZ(87.2743, 88.7272,
107.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EFFF
RGB	247, 239, 255
RGB Percent	97%, 94%, 100%
CMY	0.0314, 0.0627, 0.0000
CMYK	0.03, 0.06, 0.00, 0.00
HSL	270°, 100%, 97%
HSV	270°, 6%, 100%
XYZ	87.2743, 88.7272, 107.1339
YIQ	243.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

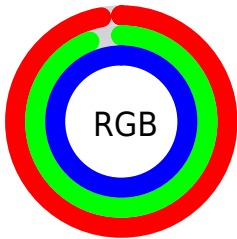
Format	Color
R_{YB}	247, 239, 255
Decimal	16248831
CIE _{Lab}	95.47, 5.52, -6.74
CIE _{LCh}	95, 8.714, 309.332
Yxy	88.7272, 0.3082, 0.3134
Android (android.graphics.Color)	4294438911 (0xFF7EFFF)
YUV	243.2160, 5.8095, 3.3186
Hunter-Lab	94.1951, 0.5436, -1.4976

Details

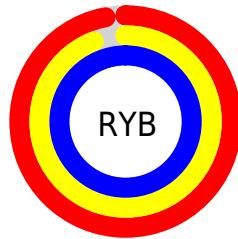
The XYZ color **87.2743, 88.7272, 107.1339** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7000, 97.5272, 95.7628**, and the grayscale version is **85.3209, 89.7642, 97.7532**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6124, 49.0206, 60.3258** is the 20% darker color. If you saturate the color by 10%, you get **75.9856, 72.5982, 104.6157**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

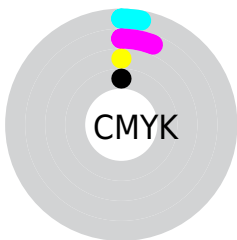
Distribution



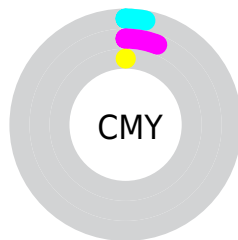
- Red (97%)
- Green (94%)
- Blue (100%)



- Red (97%)
- Yellow (94%)
- Blue (100%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.2743, 88.7272, 107.1339 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 87.2743, 88.7272, 107.1339 by changing the saturation by 10% instead.


 87.2743, 88.7272,
107.1339

 87.2743, 88.7272,
107.1339

507.4948,
523.8817, 604.2714

 66.0510, 66.9255,
81.6216


142.4441,
145.5691, 173.0638

 48.5817, 49.0241,
60.5197


177.1213,
181.3782, 214.3186

 34.5009, 34.6386,
43.4096


217.0139,
222.6251, 261.6578

 23.4434, 23.3846,
29.8729

262.4873,
269.6943, 315.5002

 15.0437, 14.8777,
19.4909

313.9067,
322.9701, 376.2642

 8.9366, 8.7336,
11.8451

371.6375,

 4.7566, 4.5679,

382.8371, 444.3684

6.5170

436.0451,
449.6795, 520.2312

■ 2.1385, 1.9960,
3.0881

■ 0.7100, 0.6052,
1.1398

■ 87.2743, 88.7272,
107.1339

■ 87.2743, 88.7272,
107.1339

■ 75.9856, 72.5982,
104.6157

95.0500, 100.0000,
108.9000

■ 66.0053, 58.6394,
102.4474

■ 57.2826, 46.7576,
100.6138

■ 49.7602, 36.8481,
99.0975

■ 43.3762, 28.7968,
97.8799

■ 38.0624, 22.4775,
96.9402

■ 33.7420, 17.7478,
96.2550

■ 30.3263, 14.4411,
95.7968

■ 27.7060, 12.3510,
95.5315

Harmonies

Analogous

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



85.0787, 88.7272, 110.1647



87.2743, 88.7272, 107.1339



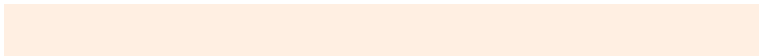
88.6989, 88.7272, 101.3217

Triad

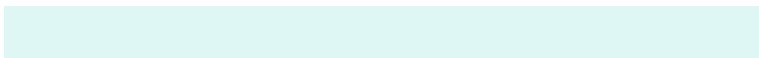
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2743, 88.7272, 107.1339



85.9625, 88.7272, 84.8278



79.8854, 88.7272, 98.7553

Complementary

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



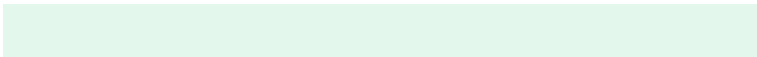
87.2743, 88.7272, 107.1339



89.7000, 97.5272, 95.7628

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.



80.1118, 88.7272, 92.0445



87.2743, 88.7272, 107.1339



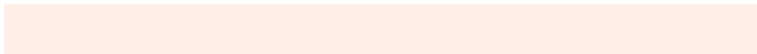
83.5907, 88.7272, 84.2133

Square

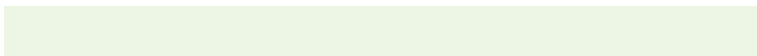
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



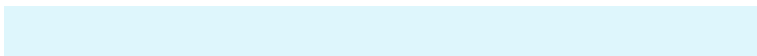
87.2743, 88.7272, 107.1339



87.9317, 88.7272, 88.5170



81.4576, 88.7272, 86.7967



80.8330, 88.7272, 105.1793

Rectangle

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



87.2743, 88.7272, 107.1339



89.0044, 88.7272, 96.7622



81.4576, 88.7272, 86.7967



79.8271, 88.7272, 96.4556

Sweetspot

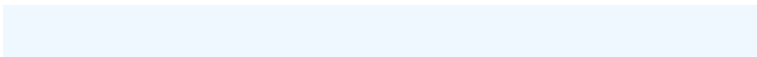
The Sweet Spot groups the original color and five complimentary colors.



87.2766, 88.7309, 107.1345



92.5125, 96.3086, 108.3212



86.9918, 92.2582, 107.8304



19.8281, 20.6527, 23.1913



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.



87.2766, 88.7309, 107.1345



85.2299, 85.7842, 106.6736



90.0602, 90.1659, 107.2648



17.8683, 17.8238, 22.7485



14.2147, 6.2384, 49.8895



1.5100, 0.6723, 4.8635

Inverse Universe

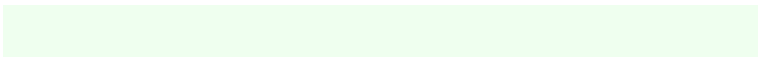
The Inverse Universe completely reimagines the original color for something new.



88.8973, 89.7120, 100.6296



87.2850, 87.0283, 98.4250



87.0295, 96.1505, 95.6378



18.3882, 18.1386, 20.6616



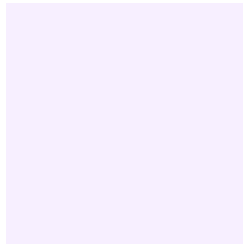
23.6434, 11.9467, 12.0388



2.3572, 1.1853, 1.4624

Previews

White Background



This preview shows how the XYZ color 87.2743, 88.7272, 107.1339 looks on a white background.

Color Contrast Check

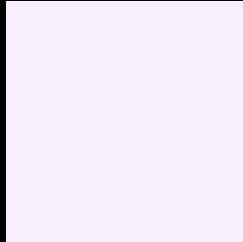
Large Text (above 18pt) WCAG AA × Fail

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 87.2743, 88.7272, 107.1339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

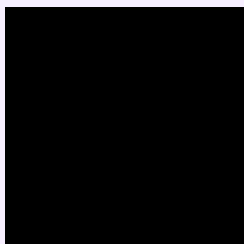
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

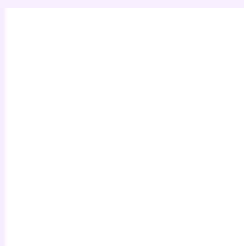
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2743, 88.7272, 107.1339

Background



This preview shows how black text looks on a background with the XYZ color 87.2743, 88.7272, 107.1339.



This preview shows how white text looks on a background with the XYZ color 87.2743, 88.7272,

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

87.2743, 88.7272, 107.1339

Protanopia

86.1232, 89.0078, 107.2488

Deuteranopia

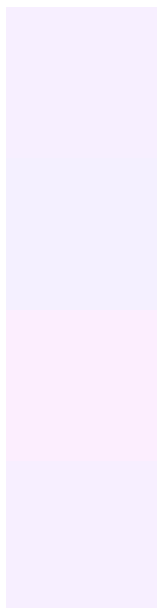
89.2538, 88.9202, 105.3876



Tritanopia

87.2743, 88.7272, 107.1339

Trichromacy



Original Color

87.2743, 88.7272, 107.1339

Protanomaly

86.5183, 88.7733, 107.1827

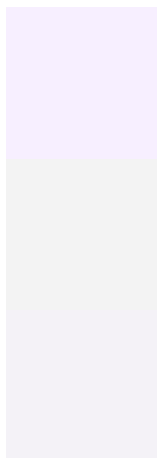
Deuteranomaly

88.6088, 89.0003, 106.2745

Tritanomaly

87.2743, 88.7272, 107.1339

Monochromacy



Original Color

87.2743, 88.7272, 107.1339

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.8489, 89.4528, 100.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2743, 88.7272, 107.1339 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(247, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.2743, 88.7272, 107.1339 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(247, 239, 255) }
```


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

```
.border{ border-color:rgb(247, 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(247, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2743, 88.7272, 107.1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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