

Converting Colors

XYZ(84.4942, 87.3224,
103.4338)

Have a look what the booklet for
XYZ(84.4942, 87.3224, 103.4338)
contains.

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Color

**XYZ(84.5547, 87.3988,
103.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E9FB
RGB	241, 239, 251
RGB Percent	95%, 94%, 98%
CMY	0.0549, 0.0627, 0.0157
CMYK	0.04, 0.05, 0.00, 0.02
HSL	250°, 60%, 96%
HSV	250°, 5%, 98%
XYZ	84.5547, 87.3988, 103.6799
YIQ	240.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

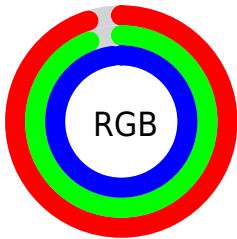
Format	Color
R _Y B	241, 239, 251
Decimal	15855611
CIE Lab	94.91, 2.83, -5.54
CIE LCh	95, 6.224, 297.059
Yxy	87.3988, 0.3068, 0.3171
Android (android.graphics.Color)	4294045691 (0xFFFF1E9FB)
YUV	240.9660, 4.9468, 0.0298
Hunter-Lab	93.4873, -2.1583, -0.3130

Details

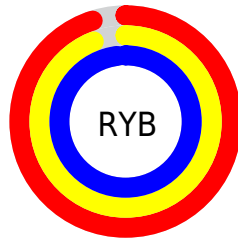
The XYZ color **84.5547, 87.3988, 103.6799** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1473, 95.3684, 95.3751**, and the grayscale version is **83.5484, 87.8994, 95.7224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7914, 48.1214, 58.4519** is the 20% darker color. If you saturate the color by 10%, you get **70.9744, 70.2383, 101.0847**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5447**.

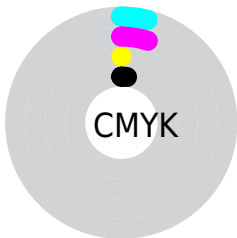
Distribution



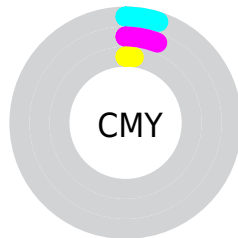
- Red (95%)
- Green (94%)
- Blue (98%)



- Red (95%)
- Yellow (94%)
- Blue (98%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5547, 87.3988, 103.6799 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 84.5547, 87.3988, 103.6799 by changing the saturation by 10% instead.

84.5547, 87.3988,
103.6799

84.5547, 87.3988,
103.6799

498.6593,
519.5324, 593.2746

63.7948, 65.8253,
78.7434

138.6681,
143.7199, 168.3009

46.7455, 48.1306,
58.1648

172.7523,
179.2362, 208.8225

33.0416, 33.9303,
41.5255

212.0086,
220.1690, 255.3761

22.3177, 22.8401,
28.4072

256.8023,
266.9025, 308.3804

14.2085, 14.4755,
18.3911

307.4989,
319.8212, 368.2538

8.3485, 8.4521,
11.0588

364.4637,

4.3724, 4.3856,

379.3095, 435.4150

5.9917

428.0621,
445.7518, 510.2824

■ 1.9149, 1.8915,
2.7713

■ 0.5855, 0.5433,
0.9791

■ 84.5547, 87.3988,
103.6799

■ 84.5547, 87.3988,
103.6799

■ 70.9744, 70.2383,
101.0847

94.4128, 99.7451,
105.5447

■ 59.1629, 55.4399,
98.8508

■ 49.0489, 42.9030,
96.9640

■ 40.5532, 32.5153,
95.4068

■ 33.5904, 24.1549,
94.1600

■ 28.0669, 17.6874,
93.2028

■ 23.8787, 12.9622,
92.5115

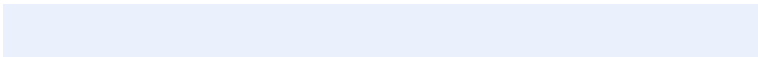
■ 20.9069, 9.8051,
92.0587

■ 19.0101, 8.0042,
91.8111

Harmonies

Analogous

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



82.9036, 87.3988, 104.7476



84.5547, 87.3988, 103.6799



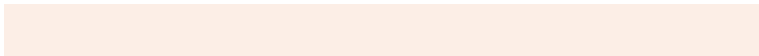
85.8228, 87.3988, 100.3054

Triad

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



84.5547, 87.3988, 103.6799



84.8468, 87.3988, 87.5751



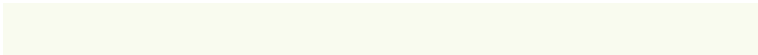
79.8715, 87.3988, 94.6864

Complementary

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



84.5547, 87.3988, 103.6799



89.1473, 95.3684, 95.3751

Split Complementary

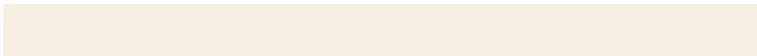
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3766, 87.3988, 90.1983



84.5547, 87.3988, 103.6799



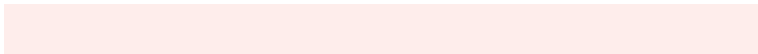
83.2365, 87.3988, 86.1807

Square

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



84.5547, 87.3988, 103.6799



85.9931, 87.3988, 90.9976



81.6027, 87.3988, 87.1247



80.2138, 87.3988, 99.4525

Rectangle

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



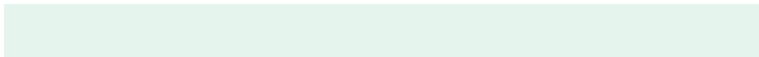
84.5547, 87.3988, 103.6799



86.2725, 87.3988, 97.2587



81.6027, 87.3988, 87.1247



79.9477, 87.3988, 93.0965

Sweetspot

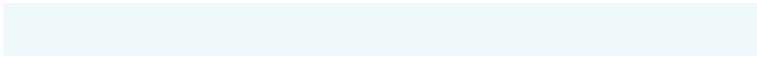
The Sweet Spot groups the original color and five complimentary colors.



84.5572, 87.4025, 103.6818



93.4642, 97.9829, 108.5942



86.9496, 93.1933, 104.6735



20.0219, 20.9936, 23.2469



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.



84.5572, 87.4025, 103.6818



85.8243, 88.2845, 107.1249



86.5693, 88.4398, 103.7760



17.3923, 17.8449, 21.9130



9.7300, 3.9587, 48.2248



0.9752, 0.4048, 4.4699

Inverse Universe

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



87.7521, 89.0857, 102.1972



89.9546, 90.4608, 105.1927



87.1112, 94.3187, 95.2798



18.3252, 18.3364, 21.4751



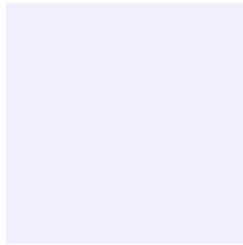
27.0234, 13.2251, 33.1610



2.5347, 1.2376, 3.2391

Previews

White Background



This preview shows how the XYZ color 84.5547, 87.3988, 103.6799 looks on a white background.

Color Contrast Check

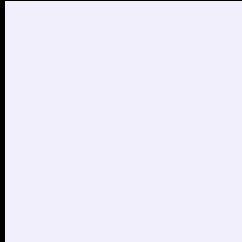
Large Text (above 18pt) WCAG AA × Fail

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 84.5547, 87.3988, 103.6799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

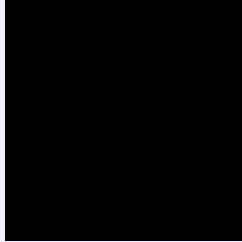
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

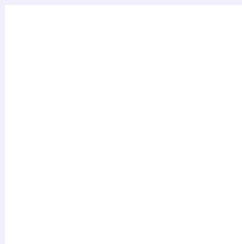
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5547, 87.3988, 103.6799

Background



This preview shows how black text looks on a background with the XYZ color 84.5547, 87.3988, 103.6799.



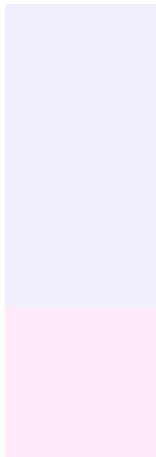
This preview shows how white text looks on a background with the XYZ color 84.5547, 87.3988,

103.6799.

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

84.5547, 87.3988, 103.6799

Protanopia

84.5547, 87.3988, 103.6799

Deuteranopia

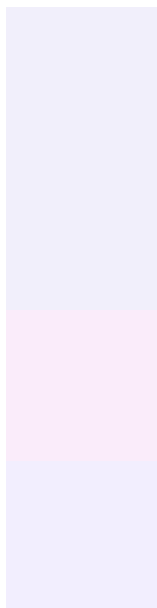
87.9181, 87.0078, 102.6029



Tritanopia

85.2425, 87.2463, 106.9552

Trichromacy



Original Color

84.5547, 87.3988, 103.6799

Protanomaly

84.5547, 87.3988, 103.6799

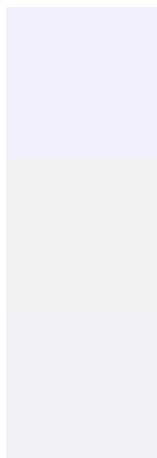
Deuteranomaly

86.6751, 87.2170, 102.7088

Tritanomaly

85.0819, 87.1821, 106.1095

Monochromacy



Original Color

84.5547, 87.3988, 103.6799

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.9171, 87.6135, 98.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5547, 87.3988, 103.6799 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(241, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 251)  
}
```

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(241, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.5547, 87.3988, 103.6799 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(241, 239, 251) }
```


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

```
.border{ border-color:rgb(241, 239, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5547, 87.3988, 103.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 251) }
```

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

```
.background{ background-color: rgb(241,  
239, 251) }
```

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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