

Converting Colors

XYZ(84.3283, 87.9360,
102.8698)

Have a look what the booklet for
XYZ(84.3283, 87.9360, 102.8698)
contains.

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Color

**XYZ(84.3506, 87.7476,
102.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F0FA
RGB	240, 240, 250
RGB Percent	94%, 94%, 98%
CMY	0.0588, 0.0588, 0.0196
CMYK	0.04, 0.04, 0.00, 0.02
HSL	240°, 50%, 96%
HSV	240°, 4%, 98%
XYZ	84.3506, 87.7476, 102.9337
YIQ	241.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

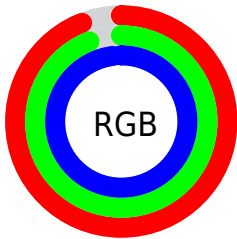
Format	Color
R _Y B	240, 240, 250
Decimal	15790330
CIE Lab	95.05, 1.81, -4.82
CIE LCh	95, 5.144, 290.589
Yxy	87.7476, 0.3067, 0.3190
Android (android.graphics.Color)	4293980410 (0xFFFF0F0FA)
YUV	241.1400, 4.3680, -0.9998
Hunter-Lab	93.6737, -3.1946, 0.4205

Details

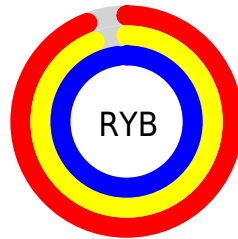
The XYZ color **84.3506, 87.7476, 102.9337** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.3383, 94.9855, 96.0649**, and the grayscale version is **83.6900, 88.0484, 95.8847**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6453, 48.3664, 57.9161** is the 20% darker color. If you saturate the color by 10%, you get **69.5847, 69.9582, 100.2796**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

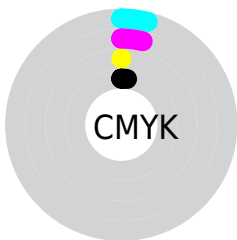
Distribution



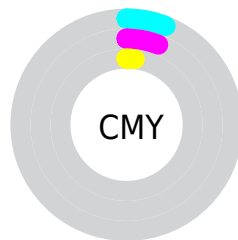
- Red (94%)
- Green (94%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3506, 87.7476, 102.9337 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 84.3506, 87.7476, 102.9337 by changing the saturation by 10% instead.

84.3506, 87.7476,
102.9337

84.3506, 87.7476,
102.9337

497.9929,
520.6763, 590.8848

63.6256, 66.1141,
78.1224

138.3842,
144.2057, 167.2699

46.6081, 48.3650,
57.6574

172.4236,
179.7991, 207.6318

32.9326, 34.1160,
41.1204

211.6318,
220.8145, 254.0143

22.2338, 22.9827,
28.0928

256.3742,
267.6364, 306.8360

14.1463, 14.5808,
18.1560

307.0161,
320.6491, 366.5153

8.3049, 8.5257,
10.8914

363.9230,

4.3441, 4.4331,

380.2371, 433.4709

5.8806

427.4601,
446.7847, 508.1212

■ 1.8986, 1.9187,
2.7050

■ 0.5760, 0.5596,
0.9459

■ 84.3506, 87.7476,
102.9337

■ 84.3506, 87.7476,
102.9337

■ 69.5847, 69.9582,
100.2796

94.2556, 99.6822,
104.7166

■ 56.9100, 54.6872,
98.0000

■ 46.2342, 41.8244,
96.0799

■ 37.4555, 31.2468,
94.5009

■ 30.4628, 22.8208,
93.2431

■ 25.1336, 16.3989,
92.2844

■ 21.3301, 11.8150,
91.6001

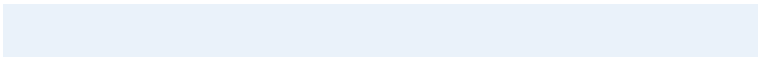
■ 18.8922, 8.8765,
91.1614

■ 17.6247, 7.3480,
90.9332

Harmonies

Analogous

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



82.9626, 87.7476, 103.3422



84.3506, 87.7476, 102.9337



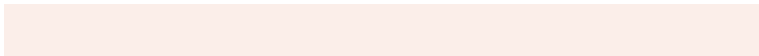
85.4962, 87.7476, 100.5150

Triad

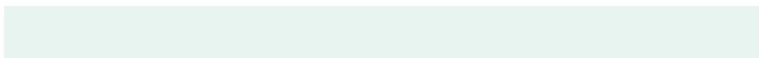
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3506, 87.7476, 102.9337



85.1202, 87.7476, 89.7153



80.7769, 87.7476, 94.2886

Complementary

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



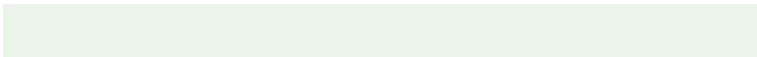
84.3506, 87.7476, 102.9337



89.3383, 94.9855, 96.0649

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.



81.3413, 87.7476, 90.7363



84.3506, 87.7476, 102.9337



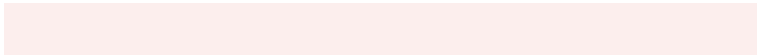
83.8419, 87.7476, 88.1449

Square

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



84.3506, 87.7476, 102.9337



85.9439, 87.7476, 92.8597



82.4595, 87.7476, 88.5133



80.9096, 87.7476, 98.2759

Rectangle

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



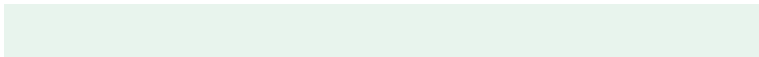
84.3506, 87.7476, 102.9337



85.9632, 87.7476, 98.1243



82.4595, 87.7476, 88.5133



80.8911, 87.7476, 93.0058

Sweetspot

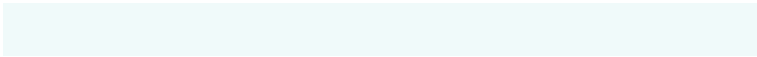
The Sweet Spot groups the original color and five complimentary colors.



84.3531, 87.7513, 102.9356



93.3103, 97.9040, 108.5871



87.3513, 93.7896, 103.8061



19.9906, 20.9776, 23.2454



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.



84.3531, 87.7513, 102.9356



86.5819, 89.7977, 107.3771



86.0149, 88.6063, 103.0131



17.5102, 18.1218, 21.9603



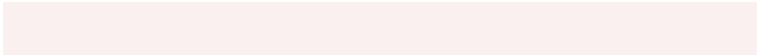
9.1536, 3.6627, 48.1981



0.8480, 0.3396, 4.4640

Inverse Universe

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



86.3146, 88.9371, 95.0598



89.1319, 91.3393, 97.1378



87.6295, 94.1064, 95.9853



18.1021, 18.4797, 19.5834



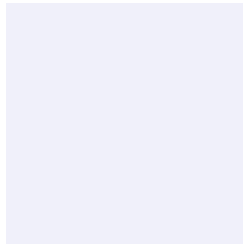
20.9123, 10.7806, 0.9808



1.9369, 0.9985, 0.0913

Previews

White Background



This preview shows how the XYZ color 84.3506, 87.7476, 102.9337 looks on a white background.

Color Contrast Check

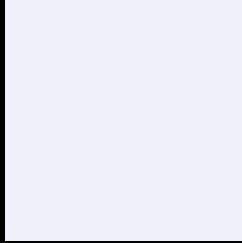
Large Text (above 18pt) WCAG AA × Fail

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 84.3506, 87.7476, 102.9337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

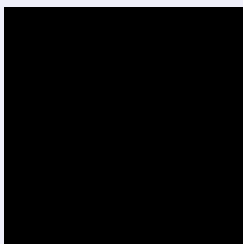
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3506, 87.7476, 102.9337

Background



This preview shows how black text looks on a background with the XYZ color 84.3506, 87.7476, 102.9337.



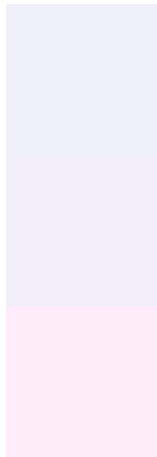
This preview shows how white text looks on a background with the XYZ color 84.3506, 87.7476,

102.9337.

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

84.3506, 87.7476, 102.9337

Protanopia

84.7398, 87.5124, 102.8678

Deuteranopia

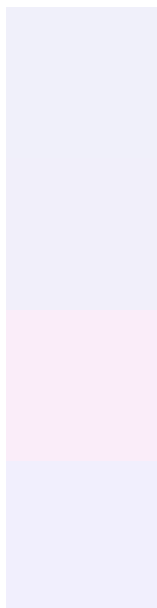
88.0472, 87.5162, 101.8743



Tritanopia

85.1921, 87.6538, 107.0365

Trichromacy



Original Color

84.3506, 87.7476, 102.9337

Protanomaly

84.3974, 87.3359, 102.8518

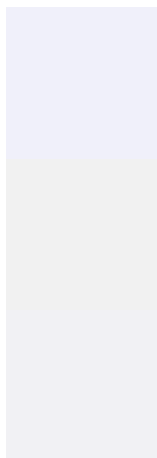
Deuteranomaly

86.8074, 87.7319, 101.9812

Tritanomaly

84.8718, 87.5256, 105.3494

Monochromacy



Original Color

84.3506, 87.7476, 102.9337

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.0601, 88.1430, 98.1708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3506, 87.7476, 102.9337 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(240, 240, 250) looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 250)  
}
```

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(240, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.3506, 87.7476, 102.9337 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(240, 240, 250) }
```


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

```
.border{ border-color:rgb(240, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3506, 87.7476, 102.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 250) }
```

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

```
.background{ background-color: rgb(240,  
240, 250) }
```

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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