

Converting Colors

XYZ(84.5434, 86.6329,
106.3616)

Have a look what the booklet for
XYZ(84.5434, 86.6329, 106.3616)
contains.

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Color

**XYZ(84.4492, 86.4249,
105.9967)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EDFE
RGB	241, 237, 254
RGB Percent	95%, 93%, 100%
CMY	0.0549, 0.0706, 0.0039
CMYK	0.05, 0.07, 0.00, 0.00
HSL	254°, 89%, 96%
HSV	254°, 7%, 100%
XYZ	84.4492, 86.4249, 105.9967
YIQ	240.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

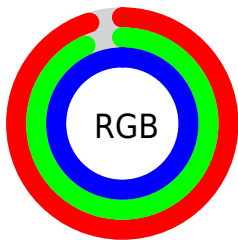
Format	Color
R _Y B	241, 237, 254
Decimal	15855102
CIE Lab	94.49, 4.41, -7.71
CIE LCh	94, 8.884, 299.787
Yxy	86.4249, 0.3050, 0.3121
Android (android.graphics.Color)	4294045182 (0xFFFF1EDFE)
YUV	240.1340, 6.8359, 0.7595
Hunter-Lab	92.9650, -0.5397, -2.5257

Details

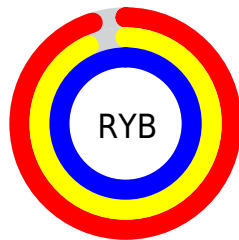
The XYZ color **84.4492, 86.4249, 105.9967** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.1555, 97.3244, 94.1588**, and the grayscale version is **82.8814, 87.1977, 94.9583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6095, 47.3933, 59.5146** is the 20% darker color. If you saturate the color by 10%, you get **71.3285, 69.5082, 103.4243**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0556**.

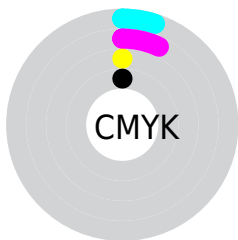
Distribution



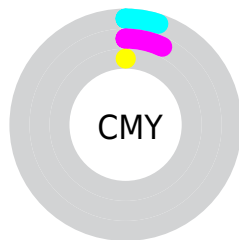
- Red (95%)
- Green (93%)
- Blue (100%)



- Red (95%)
- Yellow (93%)
- Blue (100%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4492, 86.4249, 105.9967 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 84.4492, 86.4249, 105.9967 by changing the saturation by 10% instead.

84.4492, 86.4249,
105.9967

84.4492, 86.4249,
105.9967

498.3149,
516.3312, 600.6624

63.7073, 65.0194,
80.6733

138.5214,
142.3623, 171.4974

46.6745, 47.4768,
59.7431

172.5824,
177.6629, 212.5118

32.9852, 33.4127,
42.7877

211.8138,
218.3641, 259.5935

22.2743, 22.4428,
29.3884

256.5811,
264.8501, 313.1613

14.1763, 14.1826,
19.1267

307.2494,
317.5055, 373.6335

8.3259, 8.2478,
11.5842

364.1843,

4.3578, 4.2539,

376.7145, 441.4287

6.3421

427.7510,
442.8616, 516.9655

■ 1.9065, 1.8166,
2.9821

■ 0.5806, 0.4975,
1.0855

■ 84.4492, 86.4249,
105.9967

■ 84.4492, 86.4249,
105.9967

■ 71.3285, 69.5082,
103.4243

94.8897, 99.9359,
108.0556

■ 59.8885, 54.9372,
101.2148

■ 50.0620, 42.6103,
99.3534

■ 41.7740, 32.4142,
97.8221

■ 34.9437, 24.2257,
96.6016

■ 29.4822, 17.9083,
95.6701

■ 25.2906, 13.3085,
95.0031

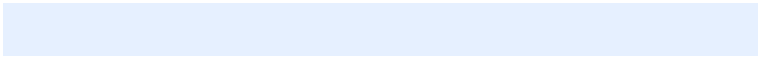
■ 22.2552, 10.2473,
94.5722

■ 20.2378, 8.5018,
94.3417

Harmonies

Analogous

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



82.1272, 86.4249, 107.8909



84.4492, 86.4249, 105.9967



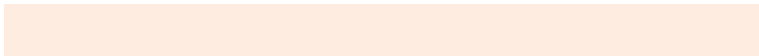
86.1812, 86.4249, 100.8837

Triad

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



84.4492, 86.4249, 105.9967



84.4793, 86.4249, 83.1773



77.6325, 86.4249, 94.0531

Complementary

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



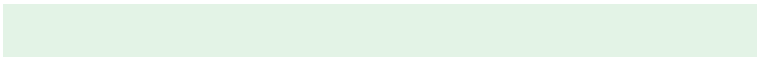
84.4492, 86.4249, 105.9967



90.1555, 97.3244, 94.1588

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.



78.2354, 86.4249, 87.6313



84.4492, 86.4249, 105.9967



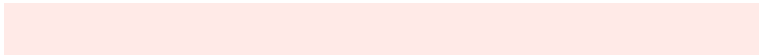
82.1613, 86.4249, 81.5411

Square

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



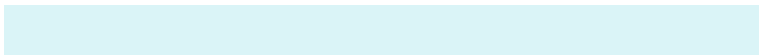
84.4492, 86.4249, 105.9967



86.1988, 86.4249, 87.7120



79.8817, 86.4249, 83.1323



78.2189, 86.4249, 100.7951

Rectangle

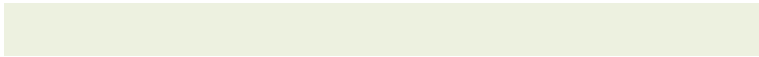
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4492, 86.4249, 105.9967



86.7520, 86.4249, 96.4557



79.8817, 86.4249, 83.1323



77.7027, 86.4249, 91.7870

Sweetspot

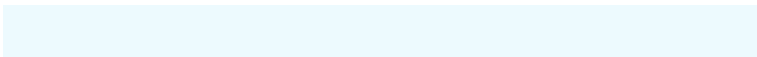
The Sweet Spot groups the original color and five complimentary colors.



84.4517, 86.4286, 105.9986



92.0239, 96.0567, 108.2984



87.0133, 93.5549, 107.2391



19.7286, 20.6014, 23.1866



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.



84.4517, 86.4286, 105.9986



83.3746, 84.8277, 106.5868



87.4099, 87.9536, 106.1370



17.4027, 17.5838, 22.7267



10.5123, 4.3298, 49.7163



1.1151, 0.4688, 4.8450

Inverse Universe

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



88.4156, 88.5452, 102.8778



88.1212, 87.3628, 102.8280



87.1887, 95.7950, 94.0200



18.5993, 18.2230, 21.7728



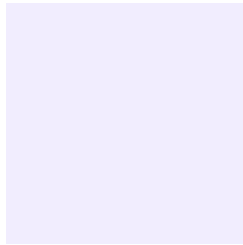
26.7590, 13.1929, 28.4453



2.6475, 1.3014, 2.9910

Previews

White Background



This preview shows how the XYZ color 84.4492, 86.4249, 105.9967 looks on a white background.

Color Contrast Check

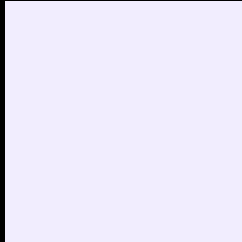
Large Text (above 18pt) WCAG AA × Fail

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 84.4492, 86.4249, 105.9967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

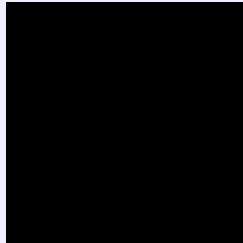
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4492, 86.4249, 105.9967

Background



This preview shows how black text looks on a background with the XYZ color 84.4492, 86.4249, 105.9967.



This preview shows how white text looks on a background with the XYZ color 84.4492, 86.4249,

105.9967.

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

84.4492, 86.4249, 105.9967

Protanopia

84.0605, 86.6556, 106.0617

Deuteranopia

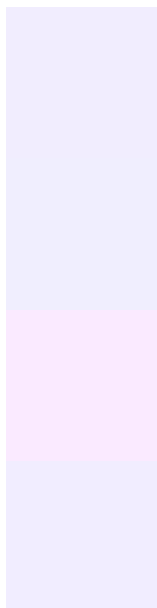
88.1466, 86.1932, 106.5989



Tritanopia

84.6098, 86.4891, 106.8424

Trichromacy



Original Color

84.4492, 86.4249, 105.9967

Protanomaly

84.3991, 86.8301, 106.0775

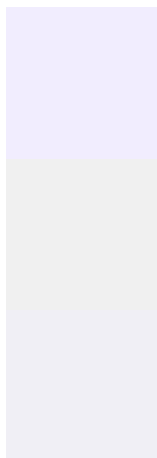
Deuteranomaly

86.8972, 86.3896, 106.7026

Tritanomaly

84.6098, 86.4891, 106.8424

Monochromacy



Original Color

84.4492, 86.4249, 105.9967

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.2831, 86.8508, 98.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4492, 86.4249, 105.9967 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, 237, 254) looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 254)  
}
```

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, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 254) }
```

Border

The CSS property to change the border of an element to XYZ 84.4492, 86.4249, 105.9967 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, 237, 254) }
```


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

```
.border{ border-color:rgb(241, 237, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4492, 86.4249, 105.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 254) }
```

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

```
.background{ background-color: rgb(241,  
237, 254) }
```

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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