

Converting Colors

XYZ(84.8138, 86.1850,
105.9322)

Have a look what the booklet for
XYZ(84.8138, 86.1850, 105.9322)
contains.

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Color

**XYZ(84.8470, 86.2013,
105.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	F3ECFE
RGB	243, 236, 254
RGB Percent	95%, 93%, 100%
CMY	0.0471, 0.0745, 0.0039
CMYK	0.04, 0.07, 0.00, 0.00
HSL	263°, 90%, 96%
HSV	263°, 7%, 100%
XYZ	84.8470, 86.2013, 105.9325
YIQ	240.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

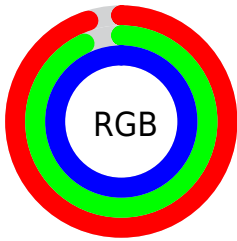
Format	Color
R _Y B	243, 236, 254
Decimal	15985918
CIE Lab	94.40, 5.58, -7.83
CIE LCh	94, 9.618, 305.450
Yxy	86.2013, 0.3063, 0.3112
Android (android.graphics.Color)	4294175998 (0xFF F3EC FE)
YUV	240.1450, 6.8305, 2.5038
Hunter-Lab	92.8447, 0.6458, -2.6566

Details

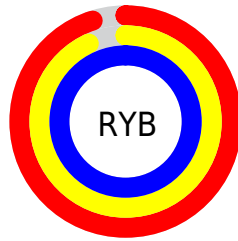
The XYZ color **84.8470, 86.2013, 105.9325** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.9430, 96.7161, 93.3414**, and the grayscale version is **82.8892, 87.2059, 94.9672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8928, 47.2385, 59.4698** is the 20% darker color. If you saturate the color by 10%, you get **72.9152, 69.9571, 103.4272**, and if you desaturate by 10%, it is **94.8896, 99.9359, 108.0555**.

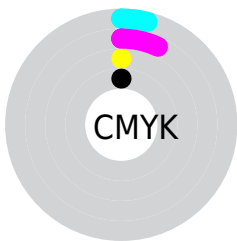
Distribution



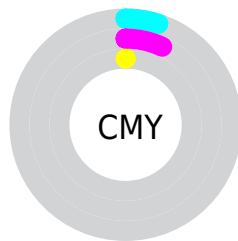
- Red (95%)
- Green (93%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8470, 86.2013, 105.9325 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 84.8470, 86.2013, 105.9325 by changing the saturation by 10% instead.

84.8470, 86.2013,
105.9325

84.8470, 86.2013,
105.9325

499.6130,
515.5947, 600.4583

64.0370, 64.8344,
80.6198

139.0745,
142.0504, 171.4089

46.9425, 47.3268,
59.6993

173.2228,
177.3014, 212.4097

33.1979, 33.2941,
42.7526

212.5479,
217.9492, 259.4769

22.4381, 22.3519,
29.3611

257.4151,
264.3783, 313.0291

14.2975, 14.1157,
19.1062

308.1899,
316.9730, 373.4848

8.4110, 8.2012,
11.5695

365.2376,

4.4130, 4.2239,

376.1177, 441.2625

6.3323

428.9235,
442.1968, 516.7808

■ 1.9384, 1.7996,
2.9761

■ 0.5990, 0.4869,
1.0825

■ 84.8470, 86.2013,
105.9325

■ 84.8470, 86.2013,
105.9325

■ 72.9152, 69.9571,
103.4272

94.8896, 99.9359,
108.0555

■ 62.4190, 55.9296,
101.2729

■ 53.3028, 44.0230,
99.4551

■ 45.5038, 34.1301,
97.9567

■ 38.9543, 26.1339,
96.7584

■ 33.5797, 19.9052,
95.8395

■ 29.2966, 15.2978,
95.1759

■ 26.0086, 12.1406,
94.7398

■ 23.5953, 10.2165,
94.4956

Harmonies

Analogous

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



82.4045, 86.2013, 108.7464



84.8470, 86.2013, 105.9325



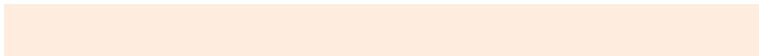
86.5342, 86.2013, 99.8951

Triad

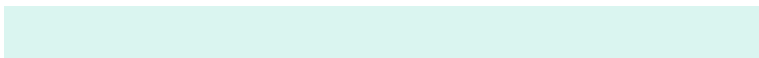
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8470, 86.2013, 105.9325



84.0133, 86.2013, 81.5027



77.0851, 86.2013, 95.2163

Complementary

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



84.8470, 86.2013, 105.9325



88.9430, 96.7161, 93.3414

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.



77.4955, 86.2013, 88.0703



84.8470, 86.2013, 105.9325



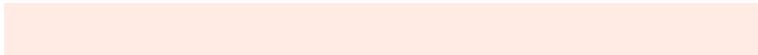
81.4608, 86.2013, 80.3956

Square

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



84.8470, 86.2013, 105.9325



86.0458, 86.2013, 85.8461



79.0841, 86.2013, 82.7388



77.9510, 86.2013, 102.3547

Rectangle

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



84.8470, 86.2013, 105.9325



86.9845, 86.2013, 94.9918



79.0841, 86.2013, 82.7388



77.0786, 86.2013, 92.7343

Sweetspot

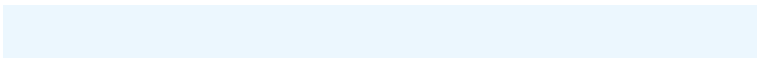
The Sweet Spot groups the original color and five complimentary colors.



84.8495, 86.2050, 105.9344



92.3070, 96.2026, 108.3116



85.7758, 91.5742, 106.9219



19.7863, 20.6311, 23.1893



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.



84.8495, 86.2050, 105.9344



83.1869, 83.6573, 106.3708



87.9961, 87.8271, 106.0816



17.6708, 17.7220, 22.7393



12.2829, 5.2425, 49.7991



1.3139, 0.5713, 4.8543

Inverse Universe

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



87.6599, 87.7809, 100.3230



86.7571, 85.6600, 99.2126



85.8786, 95.1364, 93.1979



18.4759, 18.1737, 21.1234



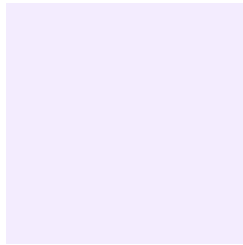
24.7536, 12.3907, 17.8845



2.4638, 1.2279, 2.0236

Previews

White Background



This preview shows how the XYZ color 84.8470, 86.2013, 105.9325 looks on a white background.

Color Contrast Check

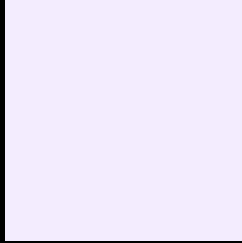
Large Text (above 18pt) WCAG AA × Fail

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 84.8470, 86.2013, 105.9325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

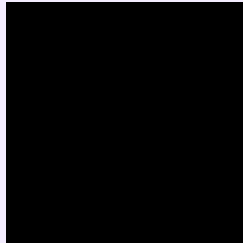
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

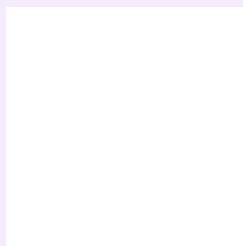
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8470, 86.2013, 105.9325

Background



This preview shows how black text looks on a background with the XYZ color 84.8470, 86.2013, 105.9325.



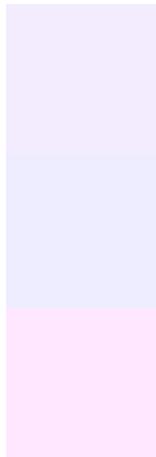
This preview shows how white text looks on a background with the XYZ color 84.8470, 86.2013,

105.9325.

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

84.8470, 86.2013, 105.9325

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

88.1466, 86.1932, 106.5989



Tritanopia

85.0076, 86.2656, 106.7783

Trichromacy



Original Color

84.8470, 86.2013, 105.9325

Protanomaly

84.2694, 86.3136, 106.8265

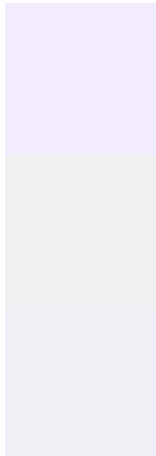
Deuteranomaly

86.9726, 86.0071, 106.6248

Tritanomaly

85.0076, 86.2656, 106.7783

Monochromacy



Original Color

84.8470, 86.2013, 105.9325

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6236, 87.0263, 98.7765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8470, 86.2013, 105.9325 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(243, 236, 254) looks like.

```
.text, #text, p{  
    color:rgb(243, 236, 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(243, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 236, 254) }
```

Border

The CSS property to change the border of an element to XYZ 84.8470, 86.2013, 105.9325 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(243, 236, 254) }
```


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

```
.border{ border-color:rgb(243, 236, 254) }
```

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

Here you see how a box with a 4 pixel rgb(243, 236, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 236,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8470, 86.2013, 105.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 236, 254) }
```

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

```
.background{ background-color: rgb(243,  
236, 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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