

Converting Colors

XYZ(85.2709, 86.8944,
106.8858)

Have a look what the booklet for
XYZ(85.2709, 86.8944, 106.8858)
contains.

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Color

**XYZ(85.2963, 86.8431,
106.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EDFF
RGB	243, 237, 255
RGB Percent	95%, 93%, 100%
CMY	0.0471, 0.0706, 0.0000
CMYK	0.05, 0.07, 0.00, 0.00
HSL	260°, 100%, 96%
HSV	260°, 7%, 100%
XYZ	85.2963, 86.8431, 106.8745
YIQ	240.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

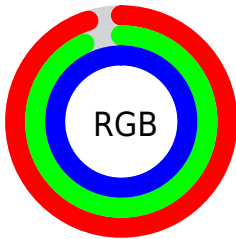
Format	Color
R _Y B	243, 237, 255
Decimal	15986175
CIE Lab	94.67, 5.25, -7.95
CIE LCh	95, 9.526, 303.434
Yxy	86.8431, 0.3057, 0.3113
Android (android.graphics.Color)	4294176255 (0xFFFF3EDFF)
YUV	240.8460, 6.9779, 1.8891
Hunter-Lab	93.1896, 0.2988, -2.7640

Details

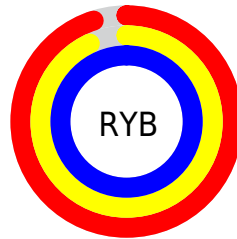
The XYZ color **85.2963, 86.8431, 106.8745** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.1153, 97.7752, 94.2481**, and the grayscale version is **83.4382, 87.7835, 95.5962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2104, 47.6898, 60.1429** is the 20% darker color. If you saturate the color by 10%, you get **72.8337, 70.2288, 104.3245**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

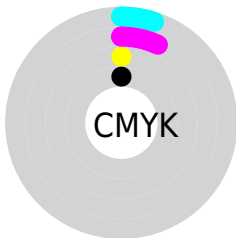
Distribution



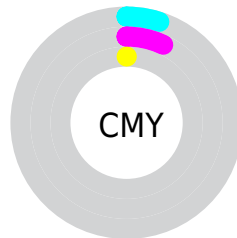
- Red (95%)
- Green (93%)
- Blue (100%)



- 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 85.2963, 86.8431, 106.8745 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 85.2963, 86.8431, 106.8745 by changing the saturation by 10% instead.

85.2963, 86.8431,
106.8745

85.2963, 86.8431,
106.8745

501.0769,
517.7072, 603.4491

64.4096, 65.3654,
81.4052

139.6990,
142.9454, 172.7067

47.2454, 47.7574,
60.3424

173.9456,
178.3388, 213.9067

33.4384, 33.6348,
43.2676

213.3762,
219.1395, 261.1873

22.6234, 22.6132,
29.7622

258.3562,
265.7320, 314.9671

14.4348, 14.3082,
19.4076

309.2509,
318.5006, 375.6647

8.5074, 8.3353,
11.7854

366.4257,

4.4758, 4.3102,

377.8297, 443.6985

6.4770

430.2459,
444.1038, 519.4871

■ 1.9747, 1.8486,
3.0638

■ 0.6197, 0.5172,
1.1273

■ 85.2963, 86.8431,
106.8745

■ 85.2963, 86.8431,
106.8745

■ 72.8337, 70.2288,
104.3245

95.0500, 100.0000,
108.9000

■ 61.9034, 55.8949,
102.1339

■ 52.4450, 43.7428,
100.2868

■ 44.3916, 33.6623,
98.7655

■ 37.6706, 25.5332,
97.5507

■ 32.2024, 19.2228,
96.6209

■ 27.8980, 14.5810,
95.9518

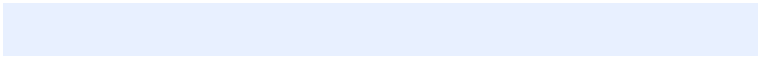
■ 24.6547, 11.4324,
95.5150

■ 22.3454, 9.5553,
95.2744

Harmonies

Analogous

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



82.8383, 86.8431, 109.4095



85.2963, 86.8431, 106.8745



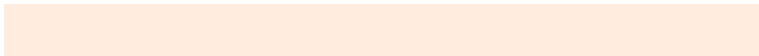
87.0439, 86.8431, 101.0332

Triad

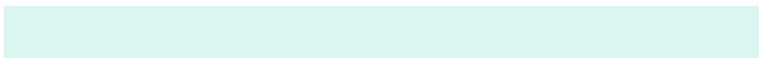
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2963, 86.8431, 106.8745



84.7730, 86.8431, 82.4483



77.7036, 86.8431, 95.4082

Complementary

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



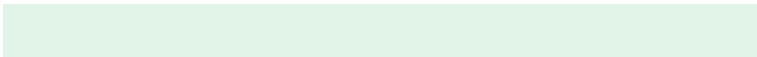
85.2963, 86.8431, 106.8745



90.1153, 97.7752, 94.2481

Split Complementary

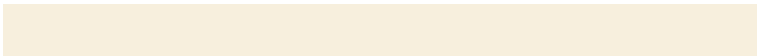
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1976, 86.8431, 88.3644



85.2963, 86.8431, 106.8745



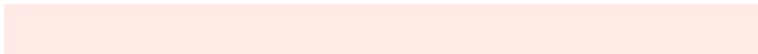
82.2459, 86.8431, 81.1141

Square

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



85.2963, 86.8431, 106.8745



86.7374, 86.8431, 86.9674



79.8472, 86.8431, 83.2249



78.4837, 86.8431, 102.5766

Rectangle

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



85.2963, 86.8431, 106.8745



87.5522, 86.8431, 96.1859



79.8472, 86.8431, 83.2249



77.7262, 86.8431, 92.9473

Sweetspot

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



85.2986, 86.8467, 106.8751



92.2045, 96.1498, 108.3068



86.9460, 93.1636, 108.0076



19.7654, 20.6204, 23.1883



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.



85.2986, 86.8467, 106.8751



84.0554, 85.1787, 106.6187



88.3726, 88.4314, 107.0190



17.5732, 17.6717, 22.7347



11.5282, 4.8535, 49.7638



1.2327, 0.5294, 4.8505

Inverse Universe

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



88.6254, 88.6715, 102.0701



87.8086, 87.2378, 101.1823



87.0856, 96.2134, 94.1063



18.5202, 18.1914, 21.3567



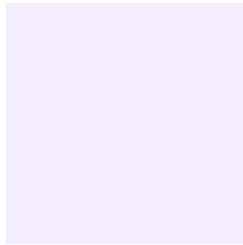
25.4137, 12.6548, 21.3610



2.5252, 1.2525, 2.3471

Previews

White Background



This preview shows how the XYZ color 85.2963, 86.8431, 106.8745 looks on a white background.

Color Contrast Check

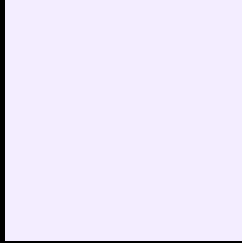
Large Text (above 18pt) WCAG AA × Fail

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 85.2963, 86.8431, 106.8745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

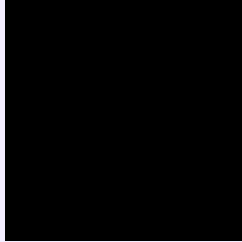
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.2963, 86.8431, 106.8745

Background



This preview shows how black text looks on a background with the XYZ color 85.2963, 86.8431, 106.8745.



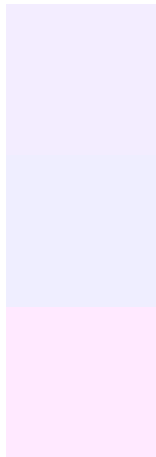
This preview shows how white text looks on a background with the XYZ color 85.2963, 86.8431,

106.8745.

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

85.2963, 86.8431, 106.8745

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

88.4289, 86.7578, 106.6930



Tritanopia

85.2963, 86.8431, 106.8745

Trichromacy



Original Color

85.2963, 86.8431, 106.8745

Protanomaly

84.5597, 86.8943, 106.9233

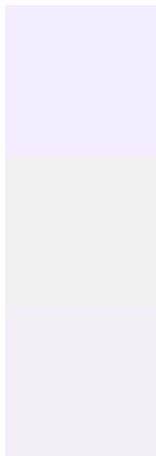
Deuteranomaly

87.2565, 86.5749, 106.7195

Tritanomaly

85.2963, 86.8431, 106.8745

Monochromacy



Original Color

85.2963, 86.8431, 106.8745

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.4126, 87.8512, 99.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2963, 86.8431, 106.8745 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 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(243, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.2963, 86.8431, 106.8745 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, 237, 255) }
```


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

```
.border{ border-color:rgb(243, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2963, 86.8431, 106.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 255) }
```

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

```
.background{ background-color: rgb(243,  
237, 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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