

Converting Colors

XYZ(85.5825, 87.4182,
106.4542)

Have a look what the booklet for
XYZ(85.5825, 87.4182, 106.4542)
contains.

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Color

**XYZ(85.4261, 87.3595,
106.1256)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EEFE
RGB	243, 238, 254
RGB Percent	95%, 93%, 100%
CMY	0.0471, 0.0666, 0.0039
CMYK	0.04, 0.06, 0.00, 0.00
HSL	259°, 89%, 96%
HSV	259°, 6%, 100%
XYZ	85.4261, 87.3595, 106.1256
YIQ	241.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

Format	Color
R _Y B	243, 238, 254
Decimal	15986430
CIE Lab	94.89, 4.55, -7.11
CIE LCh	95, 8.438, 302.626
Yxy	87.3595, 0.3063, 0.3132
Android (android.graphics.Color)	4294176510 (0xFF3EEFE)
YUV	241.3190, 6.2517, 1.4742
Hunter-Lab	93.4663, -0.4210, -1.8940

Details

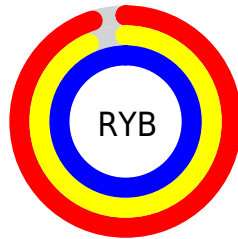
The XYZ color **85.4261, 87.3595, 106.1256** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.9446, 97.1987, 94.9139**, and the grayscale version is **83.8160, 88.1810, 96.0291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2995, 48.0519, 59.6053** is the 20% darker color. If you saturate the color by 10%, you get **72.8033, 70.6399, 103.5650**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0556**.

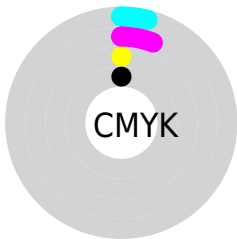
Distribution



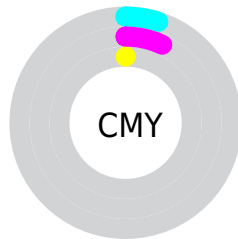
- Red (95%)
- Green (93%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4261, 87.3595, 106.1256 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 85.4261, 87.3595, 106.1256 by changing the saturation by 10% instead.

85.4261, 87.3595,
106.1256

85.4261, 87.3595,
106.1256

501.4994,
519.4034, 601.0720

64.5172, 65.7928,
80.7808

139.8793,
143.6651, 171.6750

47.3329, 48.1042,
59.8311

174.1543,
179.1728, 212.7167

33.5080, 33.9094,
42.8581

213.6154,
220.0962, 259.8277

22.6770, 22.8240,
29.4432

258.6279,
266.8198, 313.4266

14.4745, 14.4636,
19.1679

309.5572,
319.7279, 373.9320

8.5354, 8.4438,
11.6136

366.7687,

4.4940, 4.3802,

379.2049, 441.7623

6.3618

430.6276,
445.6353, 517.3361

■ 1.9853, 1.8884,
2.9940

■ 0.6257, 0.5414,
1.0916

■ 85.4261, 87.3595,
106.1256

■ 85.4261, 87.3595,
106.1256

■ 72.8033, 70.6399,
103.5650

94.8897, 99.9359,
108.0556

■ 61.7354, 56.2036,
101.3619

■ 52.1617, 43.9528,
99.5018

■ 44.0147, 33.7782,
97.9673

■ 37.2211, 25.5608,
96.7393

■ 31.7009, 19.1691,
95.7965

■ 27.3646, 14.4550,
95.1151

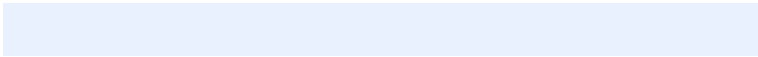
■ 24.1096, 11.2460,
94.6673

■ 21.8115, 9.3292,
94.4184

Harmonies

Analogous

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



83.2342, 87.3595, 108.2632



85.4261, 87.3595, 106.1256



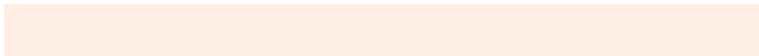
86.9992, 87.3595, 101.0287

Triad

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



85.4261, 87.3595, 106.1256



85.0710, 87.3595, 84.3685



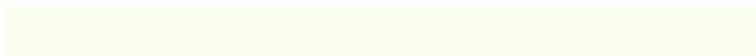
78.7168, 87.3595, 95.6977

Complementary

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



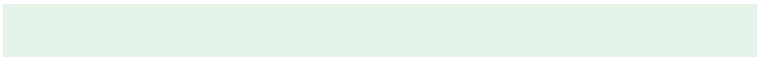
85.4261, 87.3595, 106.1256



89.9446, 97.1987, 94.9139

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.



79.1884, 87.3595, 89.4456



85.4261, 87.3595, 106.1256



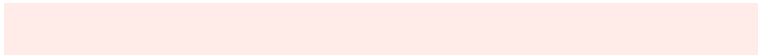
82.8313, 87.3595, 83.0854

Square

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



85.4261, 87.3595, 106.1256



86.7915, 87.3595, 88.4899



80.6842, 87.3595, 84.9022



79.3838, 87.3595, 102.0725

Rectangle

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



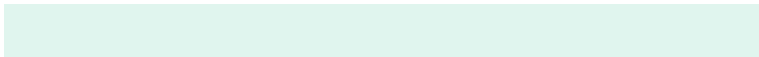
85.4261, 87.3595, 106.1256



87.4705, 87.3595, 96.7453



80.6842, 87.3595, 84.9022



78.7474, 87.3595, 93.5123

Sweetspot

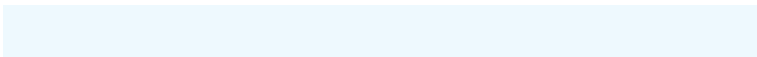
The Sweet Spot groups the original color and five complimentary colors.



85.4286, 87.3632, 106.1275



92.1660, 96.1300, 108.3050



87.0898, 93.2108, 107.1687



19.7576, 20.6163, 23.1880



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.



85.4286, 87.3632, 106.1275



83.9100, 85.1037, 106.6119



88.1783, 88.7807, 106.2562



17.5368, 17.6529, 22.7330



11.2791, 4.7251, 49.7521



1.2050, 0.5151, 4.8492

Inverse Universe

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



88.5495, 89.0633, 102.1507



87.8748, 87.2642, 101.5308



87.2213, 95.7949, 94.7864



18.5370, 18.1981, 21.4448



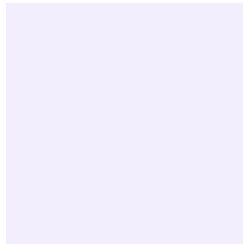
25.6804, 12.7614, 22.7652



2.5497, 1.2623, 2.4762

Previews

White Background



This preview shows how the XYZ color 85.4261, 87.3595, 106.1256 looks on a white background.

Color Contrast Check

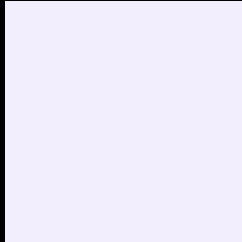
Large Text (above 18pt) WCAG AA × Fail

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 85.4261, 87.3595, 106.1256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

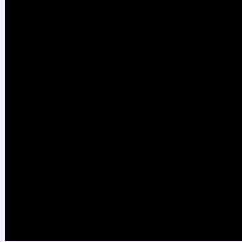
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4261, 87.3595, 106.1256

Background



This preview shows how black text looks on a background with the XYZ color 85.4261, 87.3595, 106.1256.



This preview shows how white text looks on a background with the XYZ color 85.4261, 87.3595,

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

85.4261, 87.3595, 106.1256

Protanopia

84.6911, 87.4140, 106.1748

Deuteranopia

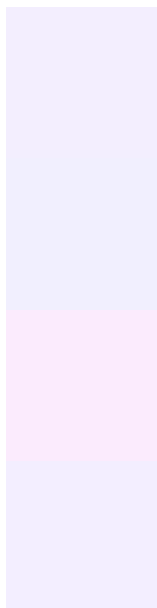
88.3924, 87.1975, 105.1005



Tritanopia

85.5867, 87.4238, 106.9713

Trichromacy



Original Color

85.4261, 87.3595, 106.1256

Protanomaly

85.0315, 87.5895, 106.1908

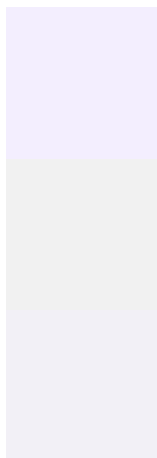
Deuteranomaly

87.2216, 87.0177, 105.1275

Tritanomaly

85.5867, 87.4238, 106.9713

Monochromacy



Original Color

85.4261, 87.3595, 106.1256

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 85.4261, 87.3595, 106.1256 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, 238, 254) looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 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, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 254) }
```

Border

The CSS property to change the border of an element to XYZ 85.4261, 87.3595, 106.1256 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, 238, 254) }
```


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

```
.border{ border-color:rgb(243, 238, 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, 238, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4261, 87.3595, 106.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 254) }
```

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

```
.background{ background-color: rgb(243,  
238, 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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