

Converting Colors

XYZ(85.6625, 87.2679, 95.3394)

Have a look what the booklet for
XYZ(85.6625, 87.2679, 95.3394)
contains.

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Color

**XYZ(85.5857, 87.2432,
95.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEDF1
RGB	250, 237, 241
RGB Percent	98%, 93%, 95%
CMY	0.0196, 0.0706, 0.0549
CMYK	0.00, 0.05, 0.04, 0.02
HSL	342°, 57%, 95%
HSV	342°, 5%, 98%
XYZ	85.5857, 87.2432, 95.5479
YIQ	241.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

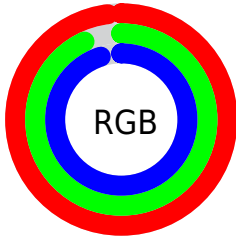
Format	Color
R _Y B	250, 237, 241
Decimal	16444913
CIE Lab	94.84, 5.06, -0.37
CIE LCh	95, 5.075, 355.804
Yxy	87.2432, 0.3189, 0.3251
Android (android.graphics.Color)	4294634993 (0xFFFAEDF1)
YUV	241.3430, -0.1691, 7.5922
Hunter-Lab	93.4041, 0.1016, 4.7320

Details

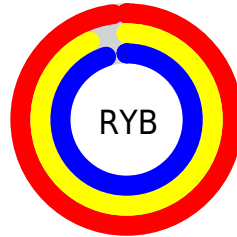
The XYZ color **85.5857, 87.2432, 95.5479** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7485, 93.0318, 100.6308**, and the grayscale version is **83.8791, 88.2473, 96.1013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5290, 48.0199, 52.6627** is the 20% darker color. If you saturate the color by 10%, you get **76.3821, 72.7790, 80.3217**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

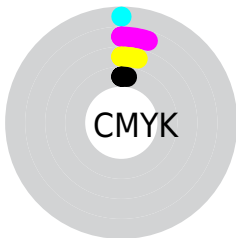
Distribution



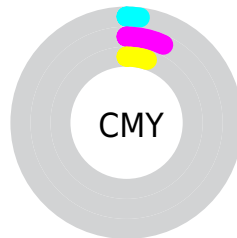
- Red (98%)
- Green (93%)
- Blue (95%)



- Red (98%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5857, 87.2432, 95.5479 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 85.5857, 87.2432, 95.5479 by changing the saturation by 10% instead.


 85.5857, 87.2432,
95.5479

 85.5857, 87.2432,
95.5479

502.0187,
519.0217, 566.9466

 64.6496, 65.6965,
71.9917


140.1010,
143.5031, 157.0234

 47.4406, 48.0261,
52.6651


174.4109,
178.9850, 195.7798

 33.5935, 33.8475,
37.1496


213.9094,
219.8808, 240.4400

 22.7429, 22.7765,
25.0266

258.9619,
266.5749, 291.4225

 14.5234, 14.4286,
15.8777

309.9337,
319.4516, 349.1458

 8.5697, 8.4193,
9.2842

367.1902,

 4.5165, 4.3644,

378.8954, 414.0286

4.8277

431.0967,
445.2906, 486.4894

■ 1.9983, 1.8794,
2.0896

■ 0.6330, 0.5360,
0.6095

■ 85.5857, 87.2432,
95.5479

■ 85.5857, 87.2432,
95.5479

■ 76.3821, 72.7790,
80.3217

■ 93.2349, 99.0643,
108.8151

■ 68.3826, 60.3418,
66.6749

■ 61.5382, 49.8436,
54.5569

■ 55.7936, 41.1860,
43.9125

■ 51.0887, 34.2614,
34.6830

■ 47.3576, 28.9511,
26.8052

■ 44.5264, 25.1215,
20.2109

■ 42.5095, 22.6169,
14.8248

■ 41.2034, 21.2461,
10.5618

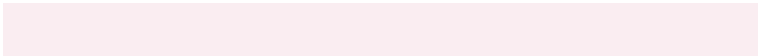
Harmonies

Analogous

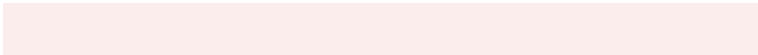
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1271, 87.2432, 99.3106



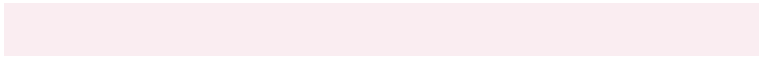
85.5857, 87.2432, 95.5479



85.3241, 87.2432, 91.7364

Triad

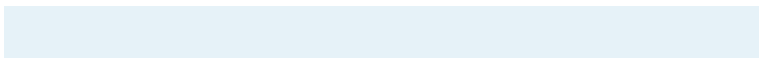
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5857, 87.2432, 95.5479



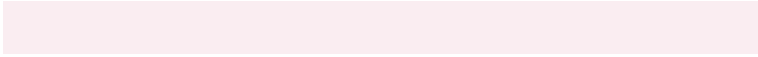
81.7770, 87.2432, 88.3407



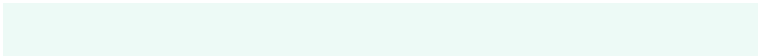
81.4456, 87.2432, 101.3916

Complementary

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



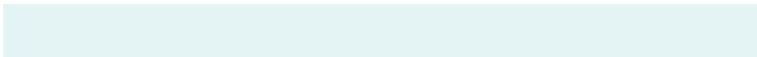
85.5857, 87.2432, 95.5479



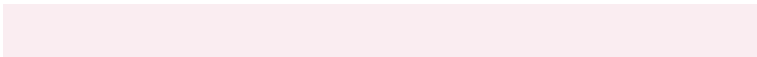
85.7485, 93.0318, 100.6308

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.



80.5655, 87.2432, 98.3258



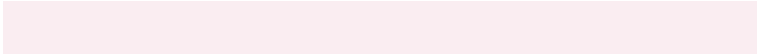
85.5857, 87.2432, 95.5479



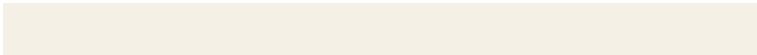
80.7554, 87.2432, 90.8024

Square

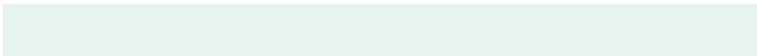
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



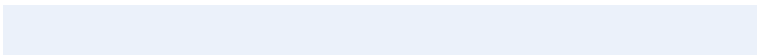
85.5857, 87.2432, 95.5479



83.1156, 87.2432, 87.6429



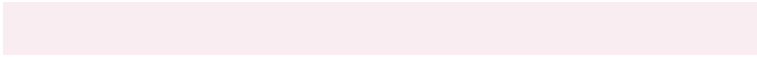
80.3142, 87.2432, 94.4403



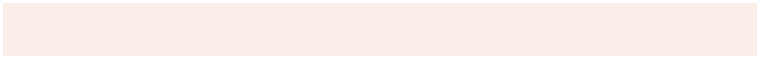
82.7288, 87.2432, 102.7430

Rectangle

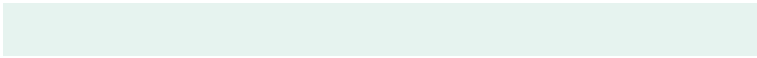
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



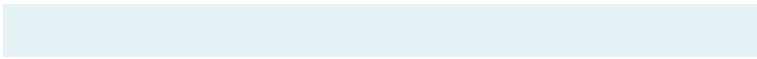
85.5857, 87.2432, 95.5479



84.7780, 87.2432, 89.6694



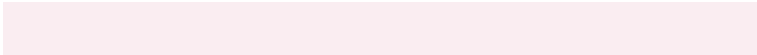
80.3142, 87.2432, 94.4403



81.0934, 87.2432, 100.5233

Sweetspot

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



85.5882, 87.2470, 95.5498



92.8810, 96.5637, 105.3975



85.5075, 87.0462, 102.7385



19.9031, 20.7046, 22.5962



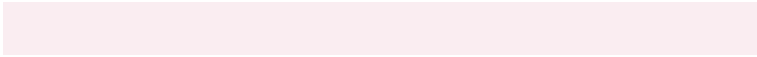
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

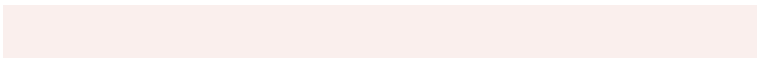
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5882, 87.2470, 95.5498



88.7025, 89.9599, 98.5991



85.6921, 88.3997, 92.6716



18.0424, 18.2233, 19.9856



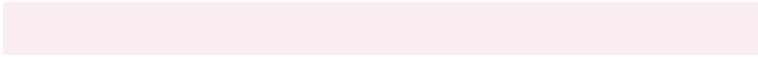
21.6762, 11.0862, 5.0032



2.0528, 1.0449, 0.7014

Inverse Universe

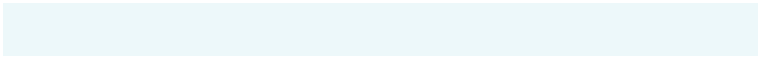
The Inverse Universe completely reimagines the original color for something new.



85.5882, 87.2470, 95.5498



88.7025, 89.9599, 98.5991



85.6329, 91.8085, 103.6511



18.0424, 18.2233, 19.9856



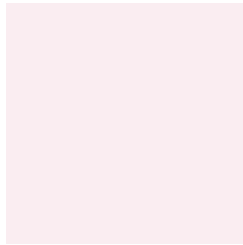
21.6762, 11.0862, 5.0032



2.0528, 1.0449, 0.7014

Previews

White Background



This preview shows how the XYZ color 85.5857, 87.2432, 95.5479 looks on a white background.

Color Contrast Check

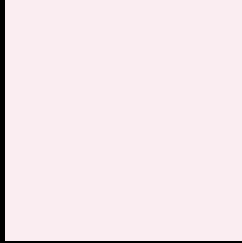
Large Text (above 18pt) WCAG AA × Fail

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 85.5857, 87.2432, 95.5479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

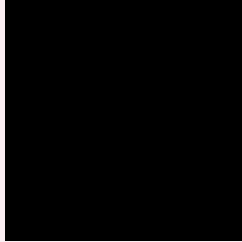
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5857, 87.2432, 95.5479

Background



This preview shows how black text looks on a background with the XYZ color 85.5857, 87.2432, 95.5479.



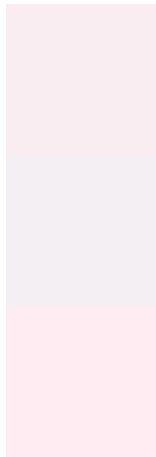
This preview shows how white text looks on a background with the XYZ color 85.5857, 87.2432,

95.5479.

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

85.5857, 87.2432, 95.5479

Protanopia

84.2017, 87.3769, 96.4319

Deuteranopia

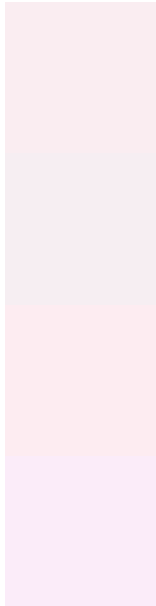
86.8255, 87.0275, 95.4409



Tritanopia

87.7426, 87.2679, 105.9858

Trichromacy



Original Color

85.5857, 87.2432, 95.5479

Protanomaly

84.6076, 87.1527, 96.3673

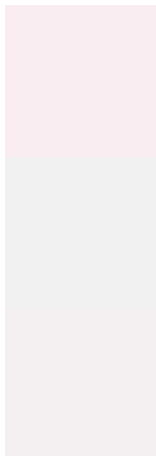
Deuteranomaly

86.3806, 87.2244, 95.5023

Tritanomaly

86.8780, 87.3397, 101.9018

Monochromacy



Original Color

85.5857, 87.2432, 95.5479

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3455, 87.9041, 95.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5857, 87.2432, 95.5479 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(250, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 241)  
}
```

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(250, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 241) }
```

Border

The CSS property to change the border of an element to XYZ 85.5857, 87.2432, 95.5479 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(250, 237, 241) }
```


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

```
.border{ border-color:rgb(250, 237, 241) }
```

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

Here you see how a box with a 4 pixel rgb(250, 237, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5857, 87.2432, 95.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 241) }
```

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

```
.background{ background-color: rgb(250,  
237, 241) }
```

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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