

Converting Colors

XYZ(82.4773, 85.7111, 98.6750)

Have a look what the booklet for
XYZ(82.4773, 85.7111, 98.6750)
contains.

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Color

**XYZ(82.3622, 85.5117,
98.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEDF5
RGB	239, 237, 245
RGB Percent	94%, 93%, 96%
CMY	0.0627, 0.0706, 0.0392
CMYK	0.02, 0.03, 0.00, 0.04
HSL	255°, 29%, 95%
HSV	255°, 3%, 96%
XYZ	82.3622, 85.5117, 98.5506
YIQ	238.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

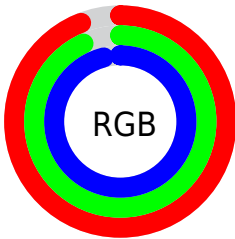
Format	Color
R _Y B	239, 237, 245
Decimal	15724021
CIE Lab	94.10, 2.10, -3.63
CIE LCh	94, 4.195, 300.105
Yxy	85.5117, 0.3091, 0.3210
Android (android.graphics.Color)	4293914101 (0xFFEFEDF5)
YUV	238.5100, 3.1996, 0.4297
Hunter-Lab	92.4725, -2.8430, 1.5437

Details

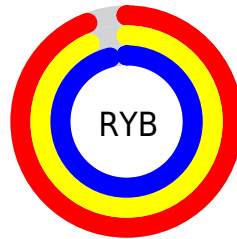
The XYZ color **82.3622, 85.5117, 98.5506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9039, 90.4762, 93.1139**, and the grayscale version is **81.6421, 85.8939, 93.5384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2376, 46.7891, 54.7910** is the 20% darker color. If you saturate the color by 10%, you get **69.8541, 69.2449, 96.0713**, and if you desaturate by 10%, it is **93.4817, 99.3727, 100.6413**.

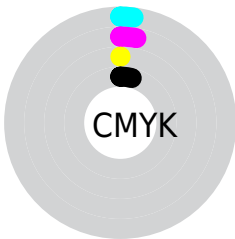
Distribution



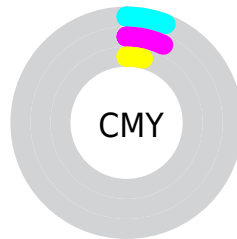
- Red (94%)
- Green (93%)
- Blue (96%)



- Red (94%)
- Yellow (93%)
- Blue (96%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3622, 85.5117, 98.5506 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 82.3622, 85.5117, 98.5506 by changing the saturation by 10% instead.

82.3622, 85.5117,
98.5506

82.3622, 85.5117,
98.5506

491.4746,
513.3197, 576.7426

61.9793, 64.2643,
74.4805

135.6150,
141.0879, 161.1984

45.2715, 46.8647,
54.6882

169.2155,
176.1854, 200.6132

31.8735, 32.9287,
38.7553

207.9527,
216.6684, 245.9800

21.4200, 22.0719,
26.2630

252.1918,
262.9213, 297.7173

13.5455, 13.9097,
16.7930

302.2981,
315.3285, 356.2437

7.8848, 8.0579,
9.9266

358.6372,

4.0725, 4.1320,

374.2744, 421.9777

5.2454

421.5742,
440.1433, 495.3378

■ 1.7433, 1.7477,
2.3307

■ 0.4831, 0.4542,
0.7483

■ 82.3622, 85.5117,
98.5506

■ 82.3622, 85.5117,
98.5506

■ 69.8541, 69.2449,
96.0713

■ 93.4817, 99.3727,
100.6413

■ 58.8861, 55.1504,
93.9289

■ 49.3995, 43.1384,
92.1103

■ 41.3286, 33.1085,
90.5998

■ 34.6029, 24.9519,
89.3799

■ 29.1451, 18.5490,
88.4316

■ 24.8701, 13.7664,
87.7338

■ 21.6809, 10.4503,
87.2618

■ 19.4633, 8.4160,
86.9861

Harmonies

Analogous

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



81.2802, 85.5117, 99.4179



82.3622, 85.5117, 98.5506



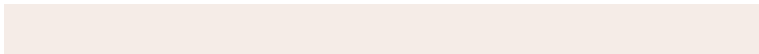
83.1592, 85.5117, 96.2183

Triad

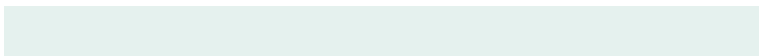
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3622, 85.5117, 98.5506



82.3553, 85.5117, 87.8581



79.1399, 85.5117, 93.1190

Complementary

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



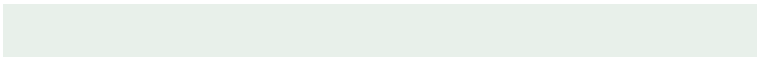
82.3622, 85.5117, 98.5506



84.9039, 90.4762, 93.1139

Split Complementary

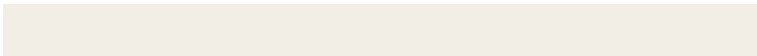
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4220, 85.5117, 90.0648



82.3622, 85.5117, 98.5506



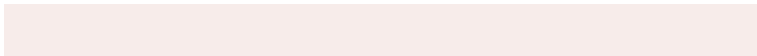
81.2724, 85.5117, 87.0703

Square

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



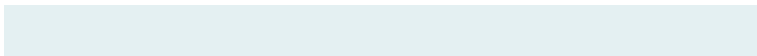
82.3622, 85.5117, 98.5506



83.1552, 85.5117, 90.0457



80.2000, 85.5117, 87.8690



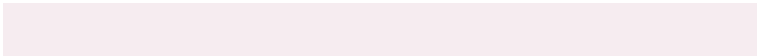
79.4259, 85.5117, 96.2383

Rectangle

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



82.3622, 85.5117, 98.5506



83.4181, 85.5117, 94.1725



80.2000, 85.5117, 87.8690



79.1714, 85.5117, 92.0510

Sweetspot

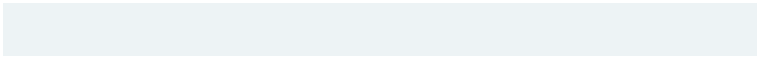
The Sweet Spot groups the original color and five complimentary colors.



82.3647, 85.5154, 98.5525



93.5414, 98.0227, 108.5978



83.4999, 88.7807, 99.1229



20.0376, 21.0017, 23.2476



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.



82.3647, 85.5154, 98.5525



89.1219, 92.2410, 107.7148



83.6846, 86.1958, 98.6142



17.2605, 17.8086, 21.0702



10.0267, 4.1433, 46.8093



0.9716, 0.4107, 4.1183

Inverse Universe

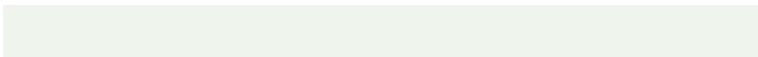
The Inverse Universe completely reimagines the original color for something new.



84.1211, 86.4559, 97.0525



91.4747, 93.5010, 105.6993



83.5830, 89.7953, 93.0521



17.8039, 18.0996, 20.6034



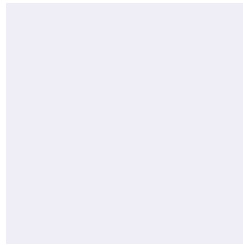
24.9965, 12.3420, 25.7538



2.2378, 1.1011, 2.4785

Previews

White Background



This preview shows how the XYZ color 82.3622, 85.5117, 98.5506 looks on a white background.

Color Contrast Check

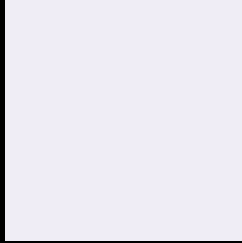
Large Text (above 18pt) WCAG AA × Fail

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 82.3622, 85.5117, 98.5506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

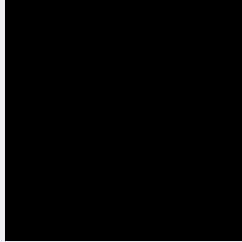
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

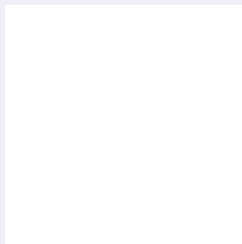
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3622, 85.5117, 98.5506

Background



This preview shows how black text looks on a background with the XYZ color 82.3622, 85.5117, 98.5506.



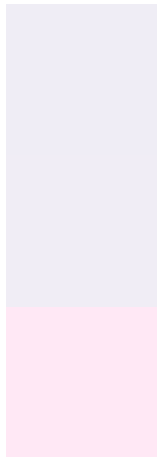
This preview shows how white text looks on a background with the XYZ color 82.3622, 85.5117,

98.5506.

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

82.3622, 85.5117, 98.5506

Protanopia

82.7008, 85.6862, 98.5665

Deuteranopia

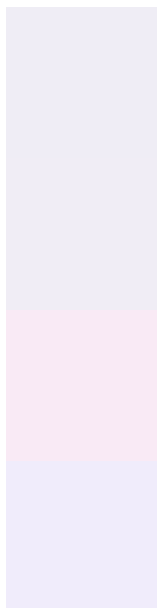
86.5780, 85.5658, 98.3389



Tritanopia

83.8200, 85.6719, 105.8845

Trichromacy



Original Color

82.3622, 85.5117, 98.5506

Protanomaly

82.7008, 85.6862, 98.5665

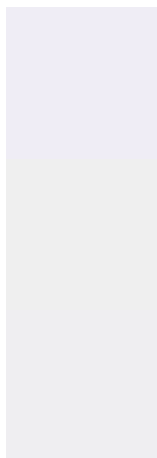
Deuteranomaly

84.9712, 85.5779, 98.4259

Tritanomaly

83.3432, 85.4812, 103.3737

Monochromacy



Original Color

82.3622, 85.5117, 98.5506

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.0483, 85.8507, 95.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3622, 85.5117, 98.5506 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(239, 237, 245) looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 245)  
}
```

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(239, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.3622, 85.5117, 98.5506 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(239, 237, 245) }
```


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

```
.border{ border-color:rgb(239, 237, 245) }
```

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

Here you see how a box with a 4 pixel rgb(239, 237, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3622, 85.5117, 98.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 245) }
```

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

```
.background{ background-color: rgb(239,  
237, 245) }
```

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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