

Converting Colors

XYZ(82.2595, 85.6703, 97.5240)

Have a look what the booklet for
XYZ(82.2595, 85.6703, 97.5240)
contains.

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Color

**XYZ(82.2099, 85.4507,
97.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEDF4
RGB	239, 237, 244
RGB Percent	94%, 93%, 96%
CMY	0.0627, 0.0706, 0.0431
CMYK	0.02, 0.03, 0.00, 0.04
HSL	257°, 24%, 94%
HSV	257°, 3%, 96%
XYZ	82.2099, 85.4507, 97.7487
YIQ	238.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

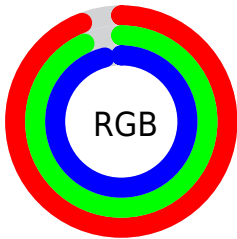
Format	Color
R _Y B	239, 237, 244
Decimal	15724020
CIE Lab	94.08, 1.92, -3.15
CIE LCh	94, 3.689, 301.418
Yxy	85.4507, 0.3097, 0.3220
Android (android.graphics.Color)	4293914100 (0xFFEFEDF4)
YUV	238.3960, 2.7628, 0.5297
Hunter-Lab	92.4395, -3.0226, 2.0124

Details

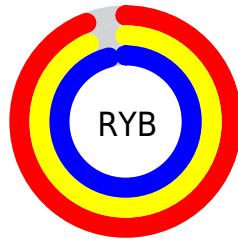
The XYZ color **82.2099, 85.4507, 97.7487** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2579, 89.6954, 92.9971**, and the grayscale version is **81.5568, 85.8041, 93.4406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1294, 46.7459, 54.2212** is the 20% darker color. If you saturate the color by 10%, you get **70.0151, 69.3827, 95.2913**, and if you desaturate by 10%, it is **93.3294, 99.3118, 99.8394**.

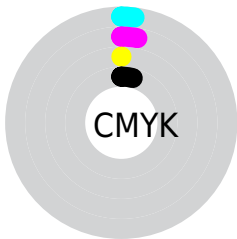
Distribution



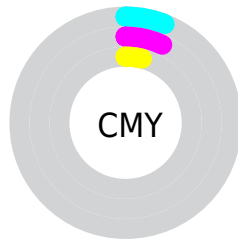
- Red (94%)
- Green (93%)
- Blue (96%)



- 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 82.2099, 85.4507, 97.7487 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 82.2099, 85.4507, 97.7487 by changing the saturation by 10% instead.

82.2099, 85.4507,
97.7487

82.2099, 85.4507,
97.7487

490.9734,
513.1182, 574.1353

61.8533, 64.2138,
73.8153

135.4026,
141.0027, 160.0847

45.1693, 46.8239,
54.1470

168.9694,
176.0866, 199.3245

31.7926, 32.8965,
38.3253

207.6702,
216.5551, 244.5034

21.3579, 22.0471,
25.9314

251.8706,
262.7924, 296.0401

13.4998, 13.8915,
16.5471

301.9357,
315.1829, 354.3531

7.8530, 8.0453,
9.7536

358.2309,

4.0520, 4.1239,

374.1112, 419.8610

5.1324

421.1217,
439.9615, 492.9822

■ 1.7316, 1.7431,
2.2651

■ 0.4759, 0.4513,
0.7115

■ 82.2099, 85.4507,
97.7487

■ 82.2099, 85.4507,
97.7487

■ 70.0151, 69.3827,
95.2913

■ 93.3294, 99.3118,
99.8394

■ 59.2926, 55.4410,
93.1654

■ 49.9869, 43.5382,
91.3584

■ 42.0362, 33.5769,
89.8547

■ 35.3740, 25.4514,
88.6375

■ 29.9276, 19.0454,
87.6881

■ 25.6167, 14.2294,
86.9857

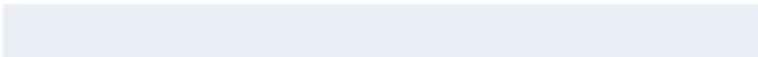
■ 22.3502, 10.8544,
86.5064

■ 20.0207, 8.7417,
86.2214

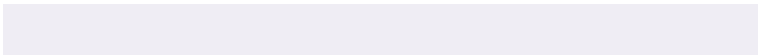
Harmonies

Analogous

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



81.2652, 85.4507, 98.5714



82.2099, 85.4507, 97.7487



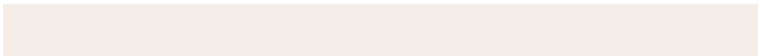
82.8933, 85.4507, 95.6612

Triad

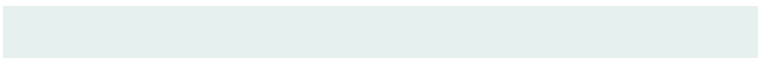
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2099, 85.4507, 97.7487



82.1280, 85.4507, 88.3577



79.3391, 85.4507, 93.1756

Complementary

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



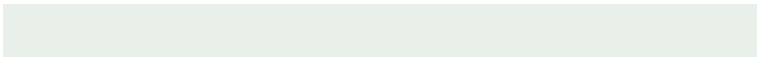
82.2099, 85.4507, 97.7487



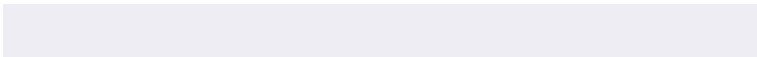
84.2579, 89.6954, 92.9971

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.



79.5660, 85.4507, 90.4696



82.2099, 85.4507, 97.7487



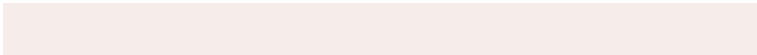
81.1714, 85.4507, 87.7220

Square

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



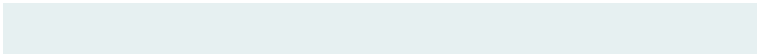
82.2099, 85.4507, 97.7487



82.8458, 85.4507, 90.2415



80.2348, 85.4507, 88.4875



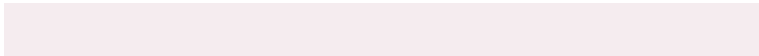
79.6123, 85.4507, 95.8984

Rectangle

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



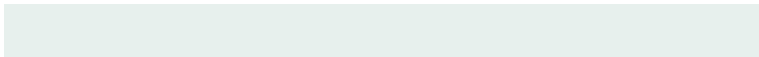
82.2099, 85.4507, 97.7487



83.1060, 85.4507, 93.8532



80.2348, 85.4507, 88.4875



79.3594, 85.4507, 92.2340

Sweetspot

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



82.2123, 85.4544, 97.7506



93.5746, 98.0398, 108.5994



83.0142, 88.0531, 98.2099



20.0444, 21.0052, 23.2479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

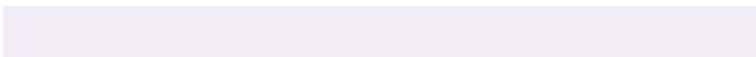
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2123, 85.4544, 97.7506



90.6750, 94.1936, 108.0098



83.4001, 86.0667, 97.8062



17.5520, 18.1704, 21.1247



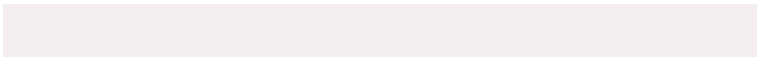
10.3530, 4.3115, 46.8246



1.0068, 0.4289, 4.1200

Inverse Universe

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



83.6225, 86.2161, 96.2428



92.3084, 95.0760, 106.2623



83.0733, 89.0846, 92.9416



17.9544, 18.3877, 20.6930



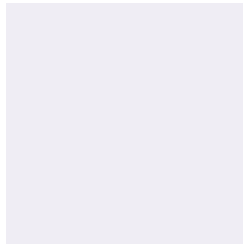
24.5224, 12.1524, 23.2574



2.1994, 1.0857, 2.2763

Previews

White Background



This preview shows how the XYZ color 82.2099, 85.4507, 97.7487 looks on a white background.

Color Contrast Check

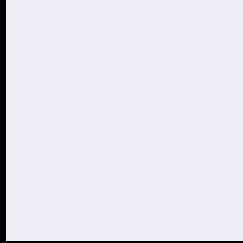
Large Text (above 18pt) WCAG AA × Fail

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 82.2099, 85.4507, 97.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

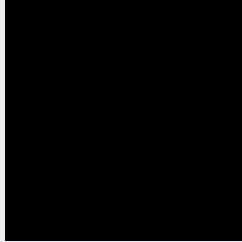
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

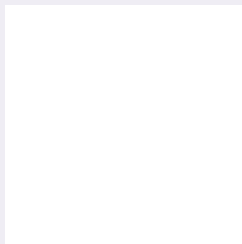
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2099, 85.4507, 97.7487

Background



This preview shows how black text looks on a background with the XYZ color 82.2099, 85.4507, 97.7487.



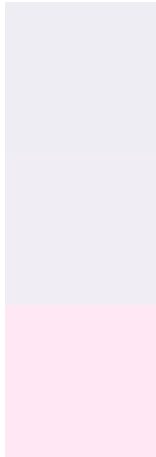
This preview shows how white text looks on a background with the XYZ color 82.2099, 85.4507,

97.7487.

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

82.2099, 85.4507, 97.7487

Protanopia

82.5485, 85.6253, 97.7645

Deuteranopia

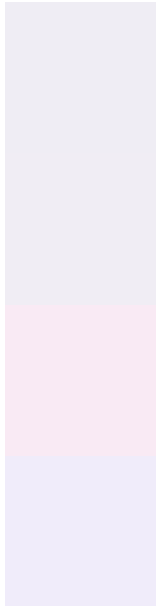
86.4257, 85.5049, 97.5369



Tritanopia

83.8734, 85.2732, 105.8047

Trichromacy



Original Color

82.2099, 85.4507, 97.7487

Protanomaly

82.5485, 85.6253, 97.7645

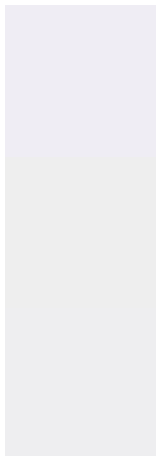
Deuteranomaly

84.8189, 85.5170, 97.6240

Tritanomaly

83.1860, 85.4183, 102.5455

Monochromacy



Original Color

82.2099, 85.4507, 97.7487

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5626, 85.6175, 94.6651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2099, 85.4507, 97.7487 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, 244) looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 82.2099, 85.4507, 97.7487 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, 244) }
```


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

```
.border{ border-color:rgb(239, 237, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2099, 85.4507, 97.7487 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, 244) }
```

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

```
.background{ background-color: rgb(239,  
237, 244) }
```

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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