

Converting Colors

XYZ(81.9132, 85.2715, 91.9944)

Have a look what the booklet for
XYZ(81.9132, 85.2715, 91.9944)
contains.

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Color

**XYZ(82.1882, 85.5600,
92.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EDED
RGB	242, 237, 237
RGB Percent	95%, 93%, 93%
CMY	0.0510, 0.0706, 0.0706
CMYK	0.00, 0.02, 0.02, 0.05
HSL	0°, 16%, 94%
HSV	0°, 2%, 95%
XYZ	82.1882, 85.5600, 92.3037
YIQ	238.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

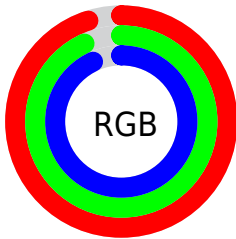
Format	Color
RYB	242, 237, 237
Decimal	15920621
CIELab	94.12, 1.68, 0.58
CIELCh	94, 1.778, 19.171
Yxy	85.5600, 0.3160, 0.3290
Android (android.graphics.Color)	4294110701 (0xFFFF2EDED)
YUV	238.4950, -0.7370, 3.0739
Hunter-Lab	92.4986, -3.2693, 5.5840

Details

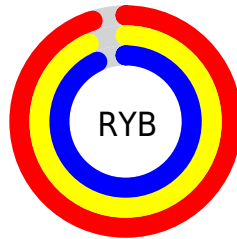
The XYZ color **82.1882, 85.5600, 92.3037** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.7043, 87.9185, 96.6166**, and the grayscale version is **81.6576, 85.9102, 93.5562**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1141, 46.8230, 50.3760** is the 20% darker color. If you saturate the color by 10%, you get **72.3538, 71.1720, 72.7429**, and if you desaturate by 10%, it is **90.4285, 97.6175, 108.6837**.

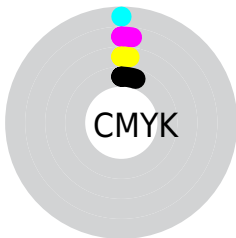
Distribution



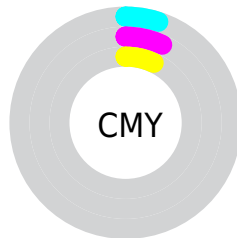
- Red (95%)
- Green (93%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1882, 85.5600, 92.3037 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 82.1882, 85.5600, 92.3037 by changing the saturation by 10% instead.

82.1882, 85.5600,
92.3037

82.1882, 85.5600,
92.3037

490.9020,
513.4793, 556.2588

61.8353, 64.3042,
69.3085

135.3723,
141.1553, 152.4976

45.1547, 46.8971,
50.4896

168.9343,
176.2636, 190.5333

31.7811, 32.9543,
35.4287

207.6300,
216.7582, 234.4196

21.3491, 22.0914,
23.7071

251.8248,
263.0235, 284.5751

13.4933, 13.9241,
14.9063

301.8840,
315.4438, 341.4182

7.8485, 8.0679,
8.6078

358.1731,

4.0491, 4.1384,

374.4036, 405.3675

4.3929

421.0572,
440.2873, 476.8415

■ 1.7300, 1.7513,
1.8433

■ 0.4749, 0.4565,
0.4563

■ 82.1882, 85.5600,
92.3037

■ 82.1882, 85.5600,
92.3037

■ 72.3538, 71.1720,
72.7429

■ 90.4285, 97.6175,
108.6837

■ 63.8817, 58.7767,
55.8956

■ 56.7142, 48.2895,
41.6439

■ 50.7864, 39.6158,
29.8586

■ 46.0281, 32.6528,
20.3999

■ 42.3619, 27.2874,
13.1139

■ 39.7012, 23.3930,
7.8279

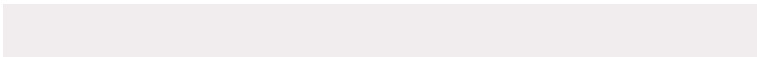
■ 37.9463, 20.8236,
4.3436

■ 36.9771, 19.4039,
2.4215

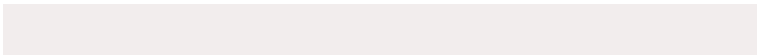
Harmonies

Analogous

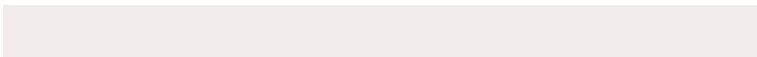
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2228, 85.5600, 93.6527



82.1882, 85.5600, 92.3037



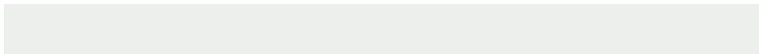
81.9210, 85.5600, 91.1945

Triad

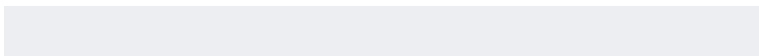
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1882, 85.5600, 92.3037



80.6329, 85.5600, 91.4601



81.1507, 85.5600, 95.7539

Complementary

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



82.1882, 85.5600, 92.3037



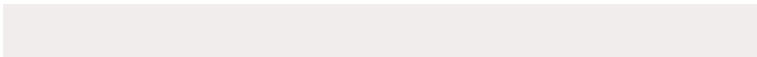
82.7043, 87.9185, 96.6166

Split Complementary

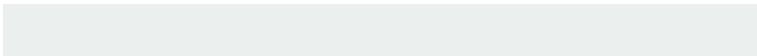
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7264, 85.5600, 95.1542



82.1882, 85.5600, 92.3037



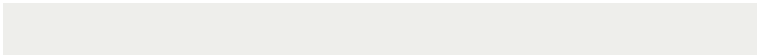
80.4282, 85.5600, 92.6696

Square

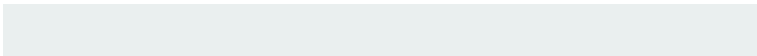
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



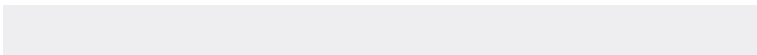
82.1882, 85.5600, 92.3037



81.0226, 85.5600, 90.7107



80.4623, 85.5600, 94.0222



81.6226, 85.5600, 95.6536

Rectangle

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



82.1882, 85.5600, 92.3037



81.6475, 85.5600, 90.7361



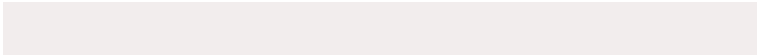
80.4623, 85.5600, 94.0222



80.9978, 85.5600, 95.6272

Sweetspot

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



82.1906, 85.5637, 92.3056



93.8346, 98.2219, 106.4829



82.9304, 85.8577, 96.2069



20.0973, 21.0423, 22.8172



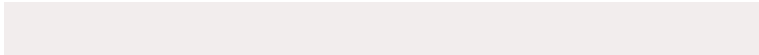
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.1906, 85.5637, 92.3056



92.6355, 96.4675, 104.0980



82.9184, 87.0192, 92.5481



17.3770, 18.1062, 19.5486



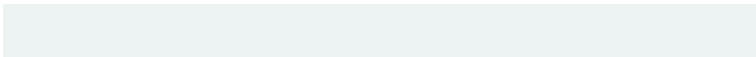
19.6731, 10.1442, 0.9211



1.6370, 0.8446, 0.0767

Inverse Universe

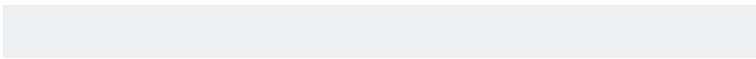
The Inverse Universe completely reimagines the original color for something new.



82.7043, 87.9185, 96.6166



93.1972, 99.0429, 108.8129



81.9664, 86.4428, 96.3707



17.4764, 18.5622, 20.3834



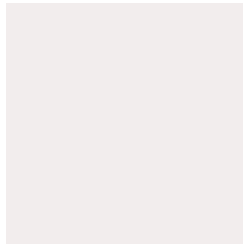
25.6368, 37.4979, 51.0145



2.1331, 3.1202, 4.2440

Previews

White Background



This preview shows how the XYZ color 82.1882, 85.5600, 92.3037 looks on a white background.

Color Contrast Check

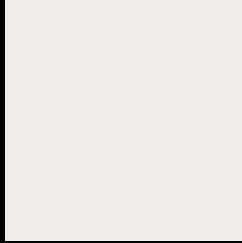
Large Text (above 18pt) WCAG AA × Fail

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 82.1882, 85.5600, 92.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

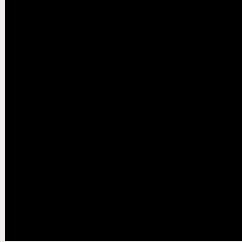
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

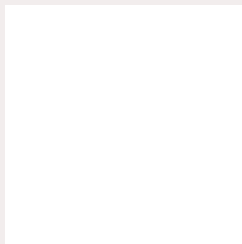
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1882, 85.5600, 92.3037

Background



This preview shows how black text looks on a background with the XYZ color 82.1882, 85.5600, 92.3037.



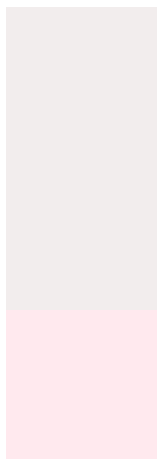
This preview shows how white text looks on a background with the XYZ color 82.1882, 85.5600,

92.3037.

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

82.1882, 85.5600, 92.3037

Protanopia

82.1882, 85.5600, 92.3037

Deuteranopia

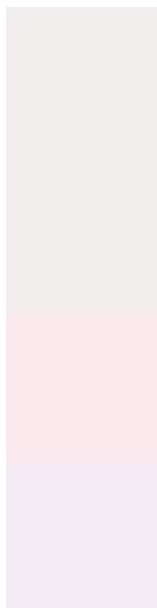
85.8115, 85.7109, 92.9100



Tritanopia

84.7462, 85.7416, 105.0117

Trichromacy



Original Color

82.1882, 85.5600, 92.3037

Protanomaly

82.1882, 85.5600, 92.3037

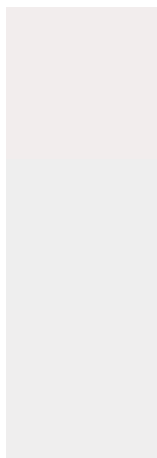
Deuteranomaly

84.2798, 85.3427, 92.9197

Tritanomaly

83.7461, 85.7610, 100.1353

Monochromacy



Original Color

82.1882, 85.5600, 92.3037

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.6038, 85.6728, 93.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1882, 85.5600, 92.3037 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(242, 237, 237) looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 237)  
}
```

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(242, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.1882, 85.5600, 92.3037 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(242, 237, 237) }
```


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

```
.border{ border-color:rgb(242, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(242, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1882, 85.5600, 92.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 237) }
```

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

```
.background{ background-color: rgb(242,  
237, 237) }
```

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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