

Converting Colors

XYZ(82.3107, 87.5627, 85.9553)

Have a look what the booklet for
XYZ(82.3107, 87.5627, 85.9553)
contains.

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Color

**XYZ(82.4210, 87.5667,
85.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1E4
RGB	243, 241, 228
RGB Percent	95%, 95%, 89%
CMY	0.0471, 0.0549, 0.1059
CMYK	0.00, 0.01, 0.06, 0.05
HSL	52°, 38%, 92%
HSV	52°, 6%, 95%
XYZ	82.4210, 87.5667, 85.9568
YIQ	240.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

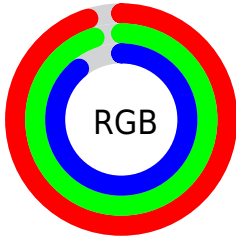
Format	Color
R _Y B	230, 243, 228
Decimal	15987172
CIE Lab	94.98, -1.55, 6.50
CIE LCh	95, 6.682, 103.449
Yxy	87.5667, 0.3220, 0.3421
Android (android.graphics.Color)	4294177252 (0xFFFF3F1E4)
YUV	240.1160, -5.9732, 2.5293
Hunter-Lab	93.5771, -6.5403, 11.0421

Details

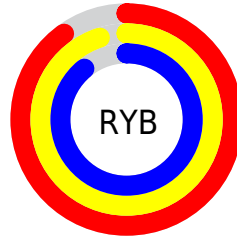
The XYZ color **82.4210, 87.5667, 85.9568** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4693, 79.5574, 96.1207**, and the grayscale version is **82.9597, 87.2800, 95.0480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3853, 48.2798, 46.4620** is the 20% darker color. If you saturate the color by 10%, you get **78.3345, 84.4174, 69.1048**, and if you desaturate by 10%, it is **87.0036, 90.9472, 105.3155**.

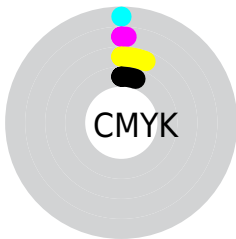
Distribution



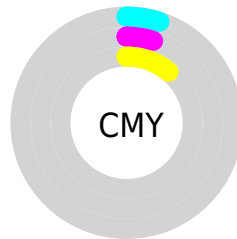
- Red (95%)
- Green (95%)
- Blue (89%)



- Red (90%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4210, 87.5667, 85.9568 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 82.4210, 87.5667, 85.9568 by changing the saturation by 10% instead.

82.4210, 87.5667,
85.9568

82.4210, 87.5667,
85.9568

491.6680,
520.0832, 535.0157

62.0279, 65.9643,
64.0776

135.6970,
143.9538, 143.5952

45.3109, 48.2434,
46.2669

169.3106,
179.5072, 180.1915

31.9047, 34.0197,
32.1063

208.0617,
220.4797, 222.5305

21.4439, 22.9087,
21.1772

252.3157,
267.2558, 271.0308

13.5632, 14.5261,
13.0611

302.4380,
320.2198, 326.1109

7.8972, 8.4875,
7.3394

358.7939,

4.0805, 4.4084,

379.7561, 388.1894

3.5936

421.7488,
446.2491, 457.6848

■ 1.7478, 1.9046,
1.4052

■ 0.4859, 0.5511,
0.1457

■ 82.4210, 87.5667,
85.9568

■ 82.4210, 87.5667,
85.9568

■ 78.3345, 84.4174,
69.1048

■ 87.0036, 90.9472,
105.3155

■ 74.7170, 81.4800,
54.6503

■ 88.4175, 93.0848,
107.9148

■ 71.5498, 78.7495,
42.4841

■ 89.4171, 95.0840,
108.2480

■ 68.8101, 76.2168,
32.4868

■ 90.4340, 97.1178,
108.5870

■ 66.4731, 73.8718,
24.5279

■ 90.7725, 97.7949,
108.6998

■ 64.5113, 71.7033,
18.4628

■ 62.8934, 69.6988,
14.1282

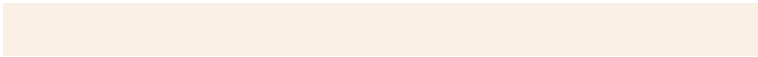
■ 61.5832, 67.8434,
11.3327

■ 60.5354, 66.1191,
9.8388

Harmonies

Analogous

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



84.2270, 87.5667, 86.0875



82.4210, 87.5667, 85.9568



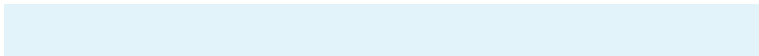
80.8540, 87.5667, 88.2759

Triad

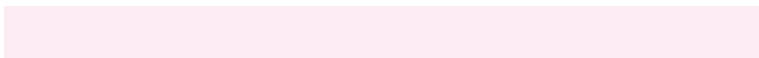
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4210, 87.5667, 85.9568



80.7231, 87.5667, 102.3807



86.6177, 87.5667, 98.2191

Complementary

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



82.4210, 87.5667, 85.9568



76.4693, 79.5574, 96.1207

Split Complementary

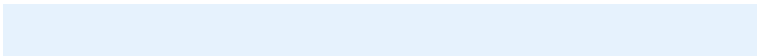
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6512, 87.5667, 102.7822



82.4210, 87.5667, 85.9568



82.2399, 87.5667, 105.2440

Square

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



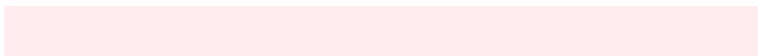
82.4210, 87.5667, 85.9568



79.8833, 87.5667, 97.6873



84.0433, 87.5667, 105.3936



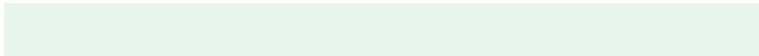
86.6679, 87.5667, 93.0410

Rectangle

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



82.4210, 87.5667, 85.9568



80.1485, 87.5667, 90.9497



84.0433, 87.5667, 105.3936



86.3885, 87.5667, 99.8802

Sweetspot

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



82.4234, 87.5705, 85.9587



94.0236, 99.2438, 104.5607



78.9896, 80.2559, 86.1919



20.1357, 21.2502, 22.4257



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.



82.4234, 87.5705, 85.9587



91.5552, 97.3976, 94.2098



81.1475, 87.7944, 86.0692



17.8906, 19.0487, 18.2412



33.0989, 36.0834, 5.2203



2.9602, 3.2736, 0.4758

Inverse Universe

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



76.4693, 79.5574, 96.1207



84.0454, 87.2909, 107.0269



77.6900, 79.3671, 96.0196



16.3046, 16.9143, 20.9480



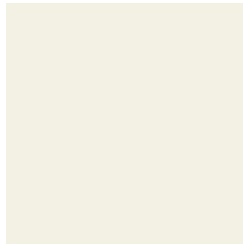
9.2215, 4.2367, 46.8698



0.8650, 0.4815, 4.1376

Previews

White Background



This preview shows how the XYZ color 82.4210, 87.5667, 85.9568 looks on a white background.

Color Contrast Check

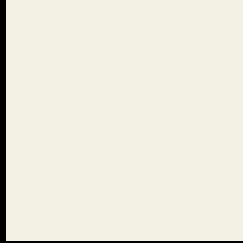
Large Text (above 18pt) WCAG AA × Fail

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 82.4210, 87.5667, 85.9568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

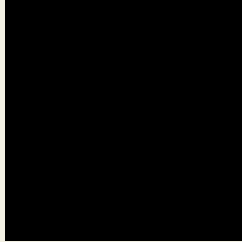
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

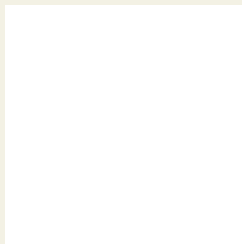
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4210, 87.5667, 85.9568

Background



This preview shows how black text looks on a background with the XYZ color 82.4210, 87.5667, 85.9568.



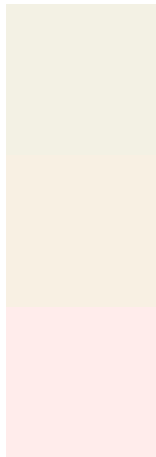
This preview shows how white text looks on a background with the XYZ color 82.4210, 87.5667,

85.9568.

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

82.4210, 87.5667, 85.9568

Protanopia

83.7366, 87.8227, 85.2111

Deuteranopia

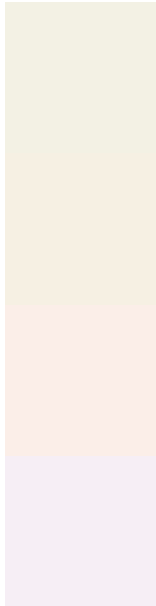
86.2308, 87.2491, 90.8932



Tritanopia

86.6920, 87.5625, 106.9398

Trichromacy



Original Color

82.4210, 87.5667, 85.9568

Protanomaly

83.0313, 87.4591, 85.1781

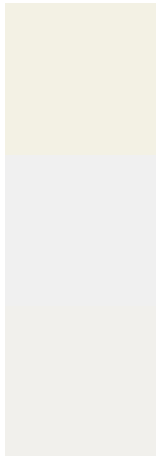
Deuteranomaly

84.9237, 87.4845, 88.7542

Tritanomaly

85.0620, 87.3345, 98.7602

Monochromacy



Original Color

82.4210, 87.5667, 85.9568

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5760, 87.0771, 91.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4210, 87.5667, 85.9568 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, 241, 228) looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 228)  
}
```

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, 241, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 228) }
```

Border

The CSS property to change the border of an element to XYZ 82.4210, 87.5667, 85.9568 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, 241, 228) }
```


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

```
.border{ border-color:rgb(243, 241, 228) }
```

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

Here you see how a box with a 4 pixel rgb(243, 241, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4210, 87.5667, 85.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 228) }
```

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

```
.background{ background-color: rgb(243,  
241, 228) }
```

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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