

Converting Colors

XYZ(80.9181, 86.5865, 82.6828)

Have a look what the booklet for
XYZ(80.9181, 86.5865, 82.6828)
contains.

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Color

**XYZ(80.8903, 86.4028,
82.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0E0
RGB	241, 240, 224
RGB Percent	95%, 94%, 88%
CMY	0.0549, 0.0588, 0.1216
CMYK	0.00, 0.00, 0.07, 0.05
HSL	56°, 38%, 91%
HSV	56°, 7%, 95%
XYZ	80.8903, 86.4028, 82.9350
YIQ	238.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

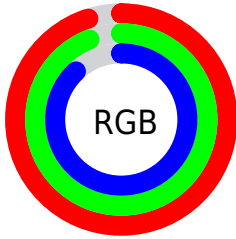
Format	Color
R _Y B	225, 241, 224
Decimal	15855840
CIE Lab	94.48, -2.40, 7.84
CIE LCh	94, 8.197, 106.991
Yxy	86.4028, 0.3233, 0.3453
Android (android.graphics.Color)	4294045920 (0xFFFF1F0E0)
YUV	238.4750, -7.1362, 2.2144
Hunter-Lab	92.9531, -7.3324, 12.1672

Details

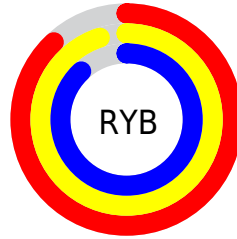
The XYZ color **80.8903, 86.4028, 82.9350** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5428, 76.0474, 94.0226**, and the grayscale version is **81.6887, 85.9429, 93.5918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3095, 47.4598, 44.3614** is the 20% darker color. If you saturate the color by 10%, you get **77.4379, 84.3625, 66.7855**, and if you desaturate by 10%, it is **84.8141, 88.6425, 101.5293**.

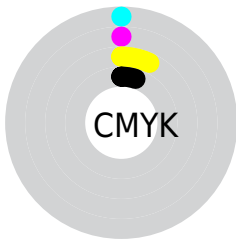
Distribution



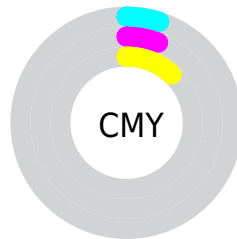
- Red (95%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8903, 86.4028, 82.9350 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 80.8903, 86.4028, 82.9350 by changing the saturation by 10% instead.

80.8903, 86.4028,
82.9350

80.8903, 86.4028,
82.9350

486.6191,
516.2585, 524.7352

60.7622, 65.0011,
61.5962

133.5607,
142.3315, 139.3328

44.2851, 47.4620,
44.2728

166.8337,
177.6272, 175.2290

31.0936, 33.4010,
30.5463

205.2191,
218.3231, 216.8147

20.8223, 22.4338,
19.9981

249.0823,
264.8035, 264.5085

13.1059, 14.1760,
12.2096

298.7885,
317.4529, 318.7289

7.5790, 8.2432,
6.7623

354.7031,

3.8763, 4.2510,

376.6555, 379.8944

3.2377

417.1915,
442.7959, 448.4237

■ 1.6324, 1.8149,
1.2173

■ 0.4134, 0.4964,
0.0000

■ 80.8903, 86.4028,
82.9350

■ 80.8903, 86.4028,
82.9350

■ 77.4379, 84.3625,
66.7855

■ 84.8141, 88.6425,
101.5293

■ 74.4303, 82.5024,
52.9730


■ 86.3253, 89.9195,
107.4141


■ 71.8491, 80.8181,
41.3903


■ 86.7489, 90.7666,
107.5553


■ 69.6719, 79.3005,
31.9191


■ 87.1757, 91.6202,
107.6976

 67.8742, 77.9398,
24.4308


 87.6058, 92.4804,
107.8409


 66.4289, 76.7252,
18.7822


 88.0391, 93.3471,
107.9854


 65.3052, 75.6443,
14.8112

 88.4757, 94.2203,
108.1309

 64.4669, 74.6827,
12.3277

 88.9157, 95.1001,
108.2775

 63.8676, 73.8218,
11.0867

 89.3588, 95.9865,
108.4253

Harmonies

Analogous

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



83.0815, 86.4028, 82.7343



80.8903, 86.4028, 82.9350



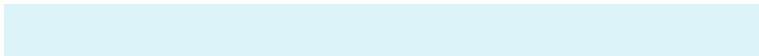
79.0613, 86.4028, 86.0349

Triad

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



80.8903, 86.4028, 82.9350



79.2646, 86.4028, 103.2410



86.3246, 86.4028, 96.8382

Complementary

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



80.8903, 86.4028, 82.9350



73.5428, 76.0474, 94.0226

Split Complementary

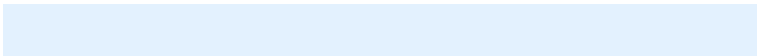
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2633, 86.4028, 102.6073



80.8903, 86.4028, 82.9350



81.1724, 86.4028, 106.4138

Square

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



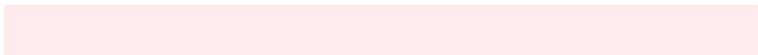
80.8903, 86.4028, 82.9350



78.1343, 86.4028, 97.6717



83.3687, 86.4028, 106.1768



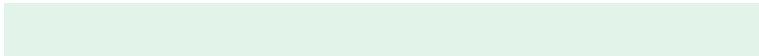
86.2458, 86.4028, 90.5734

Rectangle

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



80.8903, 86.4028, 82.9350



78.2816, 86.4028, 89.4104



83.3687, 86.4028, 106.1768



86.0886, 86.4028, 98.9052

Sweetspot

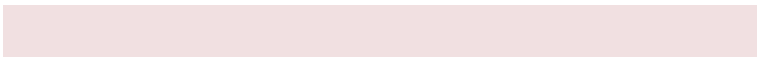
The Sweet Spot groups the original color and five complimentary colors.



80.8927, 86.4066, 82.9369



94.1444, 99.4855, 104.6010



76.5412, 77.4569, 82.2473



20.1603, 21.2994, 22.4339



0.0000, 0.0000, 0.0000



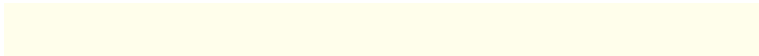
20.3446, 21.4041, 23.3091

Same Dimension

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



80.8927, 86.4066, 82.9369



91.5578, 97.9953, 92.3840



78.7224, 85.7240, 82.9195



17.0390, 18.2911, 16.7822



34.5861, 39.9703, 5.8922



2.9012, 3.3730, 0.4981

Inverse Universe

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



73.5428, 76.0474, 94.0226



82.1153, 84.6868, 106.6260



75.6075, 76.7134, 94.0424



14.9715, 15.3772, 19.9006



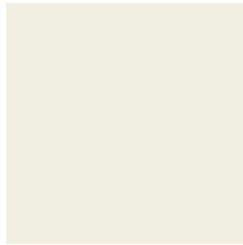
8.7267, 3.6776, 45.3778



0.7519, 0.3578, 3.7837

Previews

White Background



This preview shows how the XYZ color 80.8903, 86.4028, 82.9350 looks on a white background.

Color Contrast Check

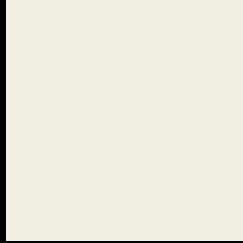
Large Text (above 18pt) WCAG AA × Fail

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 80.8903, 86.4028, 82.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

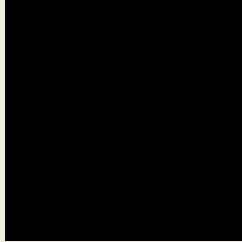
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

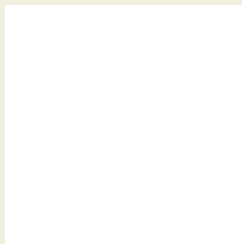
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8903, 86.4028, 82.9350

Background



This preview shows how black text looks on a background with the XYZ color 80.8903, 86.4028, 82.9350.



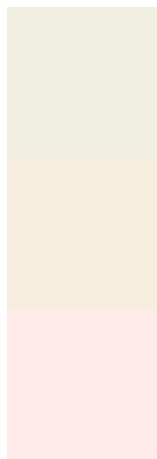
This preview shows how white text looks on a background with the XYZ color 80.8903, 86.4028,

82.9350.

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

80.8903, 86.4028, 82.9350

Protanopia

82.2516, 86.2509, 82.1250

Deuteranopia

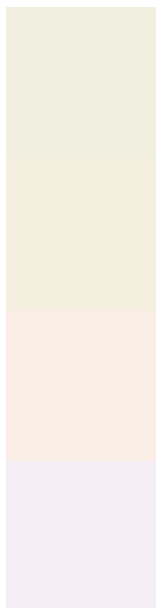
85.5138, 86.5029, 88.5336



Tritanopia

85.5410, 86.5591, 105.9650

Trichromacy



Original Color

80.8903, 86.4028, 82.9350

Protanomaly

81.8420, 86.4732, 82.1895

Deuteranomaly

83.8514, 86.5495, 86.4150

Tritanomaly

83.7701, 86.2725, 97.0311

Monochromacy



Original Color

80.8903, 86.4028, 82.9350

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1711, 85.9669, 89.4059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8903, 86.4028, 82.9350 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(241, 240, 224) looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 224)  
}
```

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(241, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 224) }
```

Border

The CSS property to change the border of an element to XYZ 80.8903, 86.4028, 82.9350 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(241, 240, 224) }
```


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

```
.border{ border-color:rgb(241, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8903, 86.4028, 82.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 224) }
```

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

```
.background{ background-color: rgb(241,  
240, 224) }
```

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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