

Converting Colors

XYZ(80.0005, 85.9155, 78.7264)

Have a look what the booklet for
XYZ(80.0005, 85.9155, 78.7264)
contains.

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Color

**XYZ(80.0906, 86.0829,
78.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0DA
RGB	241, 240, 218
RGB Percent	95%, 94%, 85%
CMY	0.0549, 0.0588, 0.1451
CMYK	0.00, 0.00, 0.10, 0.05
HSL	57°, 45%, 90%
HSV	57°, 10%, 95%
XYZ	80.0906, 86.0829, 78.7241
YIQ	237.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

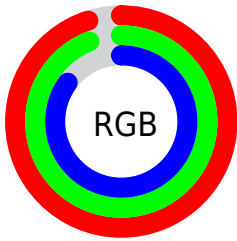
Format	Color
R_{YB}	219, 241, 218
Decimal	15855834
CIE _{Lab}	94.35, -3.37, 10.75
CIE _{LCh}	94, 11.266, 107.425
Yxy	86.0829, 0.3270, 0.3515
Android (android.graphics.Color)	4294045914 (0xFFFF1F0DA)
YUV	237.7910, -9.7570, 2.8143
Hunter-Lab	92.7809, -8.2812, 14.6393

Details

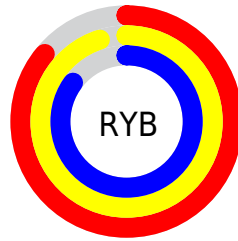
The XYZ color **80.0906, 86.0829, 78.7241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.1221, 71.9181, 93.4057**, and the grayscale version is **81.1773, 85.4048, 93.0059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7589, 47.2396, 41.4621** is the 20% darker color. If you saturate the color by 10%, you get **76.8583, 84.3030, 63.2023**, and if you desaturate by 10%, it is **83.7880, 88.0573, 96.6653**.

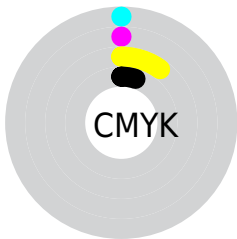
Distribution



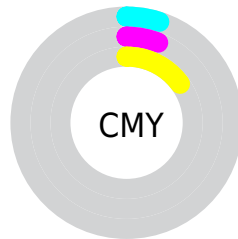
- Red (95%)
- Green (94%)
- Blue (85%)



- Red (86%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0906, 86.0829, 78.7241 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 80.0906, 86.0829, 78.7241 by changing the saturation by 10% instead.

 80.0906, 86.0829,
78.7241

 80.0906, 86.0829,
78.7241


483.9700,
515.2045, 510.2154

 60.1016, 64.7365,
58.1490


132.4430,
141.8852, 133.3655

 43.7503, 47.2475,
41.5130


165.5371,
177.1099, 168.2689

 30.6713, 33.2313,
28.3974

203.7303,
217.7294, 208.7855

 20.4993, 22.3037,
18.3838

247.3879,
264.1283, 255.3339

 12.8689, 14.0802,
11.0536

296.8753,
316.6908, 308.3325

 7.4147, 8.1765,
5.9883

352.5579,

 3.7714, 4.2081,

375.8015, 368.1999

2.7693

414.8010,
441.8446, 435.3547

■ 1.5736, 1.7906,
0.9781

■ 0.3751, 0.4813,
0.0000

■ 80.0906, 86.0829,
78.7241

■ 80.0906, 86.0829,
78.7241

■ 76.8583, 84.3030,
63.2023

■ 83.7880, 88.0573,
96.6653

■ 74.0643, 82.6984,
49.9907

■ 86.1054, 89.4797,
107.3408

■ 71.6898, 81.2645,
38.9797

■ 86.4168, 90.1026,
107.4446

■ 69.7121, 79.9920,
30.0489

■ 86.7300, 90.7290,
107.5490

68.1059, 78.8710,
23.0663

87.0450, 91.3589,
107.6540

66.8434, 77.8902,
17.8846

87.3617, 91.9924,
107.7596

65.8926, 77.0369,
14.3359

87.6803, 92.6295,
107.8658

65.2156, 76.2960,
12.2205

88.0006, 93.2702,
107.9726

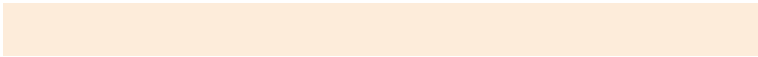
64.7519, 75.6431,
11.2194

88.3227, 93.9144,
108.0799

Harmonies

Analogous

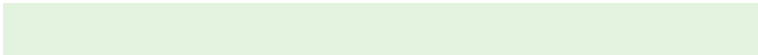
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0916, 86.0829, 78.4000



80.0906, 86.0829, 78.7241



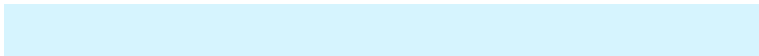
77.6123, 86.0829, 82.9100

Triad

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



80.0906, 86.0829, 78.7241



77.9485, 86.0829, 106.5330



87.6257, 86.0829, 97.4017

Complementary

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



80.0906, 86.0829, 78.7241



70.1221, 71.9181, 93.4057

Split Complementary

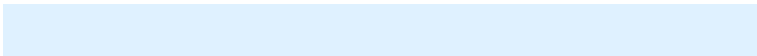
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1755, 86.0829, 105.4518



80.0906, 86.0829, 78.7241



80.5599, 86.0829, 110.9377

Square

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



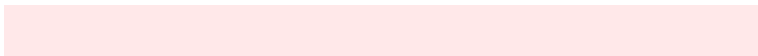
80.0906, 86.0829, 78.7241



76.3966, 86.0829, 98.8045



83.5725, 86.0829, 110.5302



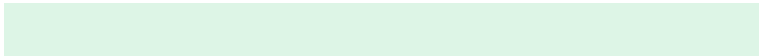
87.4925, 86.0829, 88.8316

Rectangle

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



80.0906, 86.0829, 78.7241



76.5675, 86.0829, 87.4818



83.5725, 86.0829, 110.5302



87.3058, 86.0829, 100.2680

Sweetspot

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



80.0929, 86.0867, 78.7260



93.7371, 99.3060, 102.5066



74.1540, 73.9672, 77.4914



19.9903, 21.2166, 21.5842



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

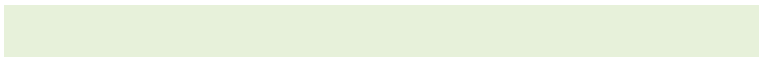
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0929, 86.0867, 78.7260



90.4723, 97.5513, 86.6978



76.9533, 84.9043, 78.6632



17.0609, 18.3349, 16.7895



35.1294, 41.0568, 6.0732



2.9405, 3.4516, 0.5112

Inverse Universe

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



70.1221, 71.9181, 93.4057



77.5012, 79.1197, 105.7946



73.0558, 73.0462, 93.4688



14.9521, 15.3383, 19.8941



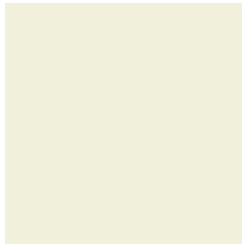
8.6961, 3.6164, 45.3676



0.7426, 0.3392, 3.7805

Previews

White Background



This preview shows how the XYZ color 80.0906, 86.0829, 78.7241 looks on a white background.

Color Contrast Check

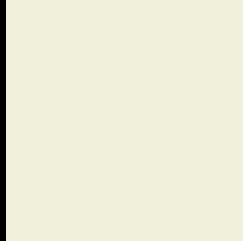
Large Text (above 18pt) WCAG AA × Fail

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 80.0906, 86.0829, 78.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

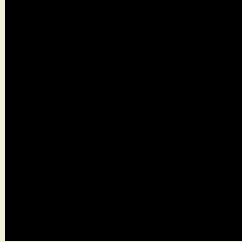
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

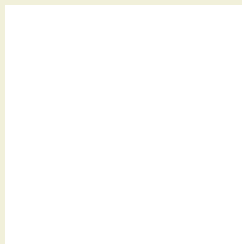
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0906, 86.0829, 78.7241

Background



This preview shows how black text looks on a background with the XYZ color 80.0906, 86.0829, 78.7241.

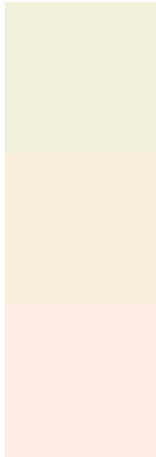


This preview shows how white text looks on a background with the XYZ color 80.0906, 86.0829,

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

80.0906, 86.0829, 78.7241

Protanopia

81.8103, 86.1153, 77.9557

Deuteranopia

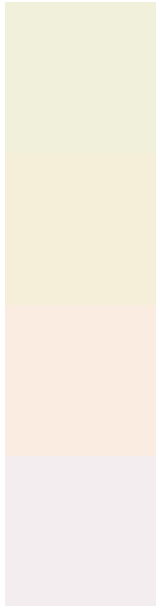
84.8057, 85.7628, 86.2129



Tritanopia

85.4440, 86.1013, 105.0443

Trichromacy



Original Color

80.0906, 86.0829, 78.7241

Protanomaly

81.0471, 86.1552, 78.0036

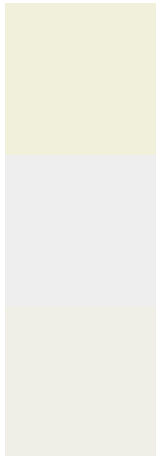
Deuteranomaly

83.0104, 85.7511, 83.4107

Tritanomaly

83.3206, 86.0927, 94.6642

Monochromacy



Original Color

80.0906, 86.0829, 78.7241

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.8869, 85.8532, 87.9094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0906, 86.0829, 78.7241 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 218) }
```

Border

The CSS property to change the border of an element to XYZ 80.0906, 86.0829, 78.7241 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, 218) }
```


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

```
.border{ border-color:rgb(241, 240, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0906, 86.0829, 78.7241 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, 218) }
```

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

```
.background{ background-color: rgb(241,  
240, 218) }
```

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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