

Converting Colors

XYZ(80.7078, 83.2711, 83.8443)

Have a look what the booklet for
XYZ(80.7078, 83.2711, 83.8443)
contains.

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Color

**XYZ(80.5226, 83.1813,
83.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E9E2
RGB	245, 233, 226
RGB Percent	96%, 91%, 89%
CMY	0.0392, 0.0863, 0.1137
CMYK	0.00, 0.05, 0.08, 0.04
HSL	22°, 49%, 92%
HSV	22°, 8%, 96%
XYZ	80.5226, 83.1813, 83.7631
YIQ	235.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

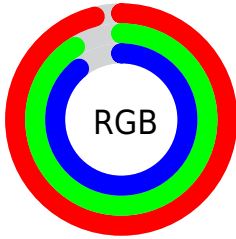
Format	Color
RYB	245, 237, 226
Decimal	16116194
CIELab	93.09, 2.88, 4.84
CIELCh	93, 5.628, 59.228
Yxy	83.1813, 0.3254, 0.3361
Android (android.graphics.Color)	4294306274 (0xFFFF5E9E2)
YUV	235.7900, -4.8265, 8.0772
Hunter-Lab	91.2038, -2.0114, 9.3897

Details

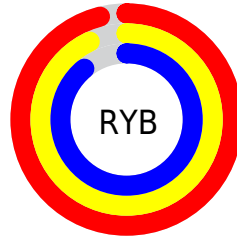
The XYZ color **80.5226, 83.1813, 83.7631** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4199, 83.9091, 98.4501**, and the grayscale version is **79.6009, 83.7463, 91.1998**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0591, 45.2034, 44.9310** is the 20% darker color. If you saturate the color by 10%, you get **73.2101, 73.5568, 65.9075**, and if you desaturate by 10%, it is **88.7041, 93.7730, 104.2804**.

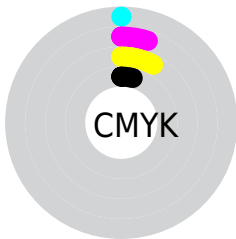
Distribution



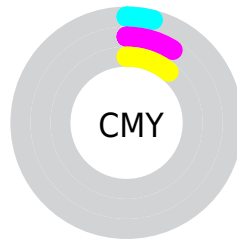
- Red (96%)
- Green (91%)
- Blue (89%)



- Red (96%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5226, 83.1813, 83.7631 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 80.5226, 83.1813, 83.7631 by changing the saturation by 10% instead.

80.5226, 83.1813,
83.7631

80.5226, 83.1813,
83.7631

485.4020,
505.5905, 527.5637

60.4584, 62.3397,
62.2756

133.0469,
137.8294, 140.5025

44.0391, 45.3073,
44.8182

166.2378,
172.4046, 176.5915

30.8993, 31.6995,
30.9724

204.5349,
212.3266, 218.3848

20.6736, 21.1321,
20.3195

248.3036,
257.9796, 266.3008

12.9968, 13.2206,
12.4411

297.9094,
309.7482, 320.7582

7.5033, 7.5806,
6.9187

353.7174,

3.8279, 3.8278,

368.0166, 382.1754

3.3336

416.0932,
433.1692, 450.9711

■ 1.6052, 1.5777,
1.2674

■ 0.3958, 0.3425,
0.0349

■ 80.5226, 83.1813,
83.7631

■ 80.5226, 83.1813,
83.7631

■ 73.2101, 73.5568,
65.9075

■ 88.7041, 93.7730,
104.2804

■ 66.7294, 64.8608,
50.5981

■ 91.4666, 98.1527,
108.7323

■ 61.0512, 57.0679,
37.7189

■ 56.1411, 50.1474,
27.1429

■ 51.9624, 44.0667,
18.7312

■ 48.4748, 38.7910,
12.3298

■ 45.6336, 34.2824,
7.7640

■ 43.3875, 30.4994,
4.8285

■ 41.6710, 27.3933,
3.2491

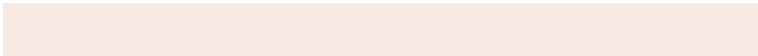
Harmonies

Analogous

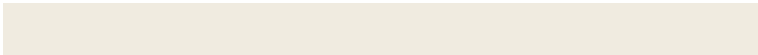
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5646, 83.1813, 86.6583



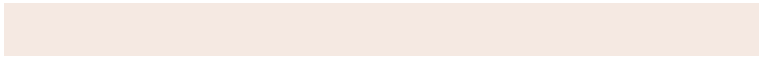
80.5226, 83.1813, 83.7631



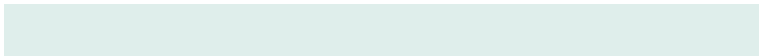
79.0996, 83.1813, 82.6820

Triad

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



80.5226, 83.1813, 83.7631



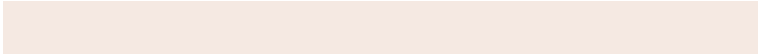
76.2567, 83.1813, 90.4608



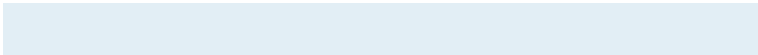
80.4555, 83.1813, 97.8520

Complementary

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



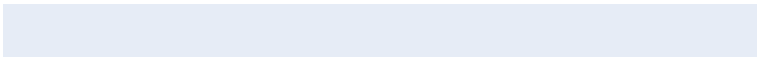
80.5226, 83.1813, 83.7631



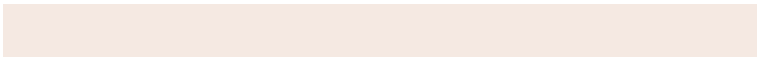
78.4199, 83.9091, 98.4501

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.



79.0231, 83.1813, 98.9450



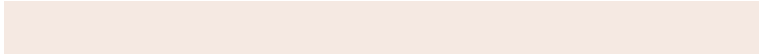
80.5226, 83.1813, 83.7631



76.6098, 83.1813, 94.5982

Square

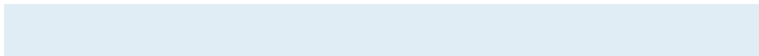
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5226, 83.1813, 83.7631



76.6473, 83.1813, 86.4742



77.6178, 83.1813, 97.7366



81.5255, 83.1813, 94.7937

Rectangle

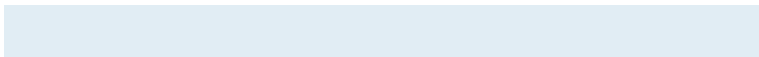
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5226, 83.1813, 83.7631



78.1302, 83.1813, 83.1088



77.6178, 83.1813, 97.7366



79.9999, 83.1813, 98.4656

Sweetspot

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



80.5249, 83.1849, 83.7649



93.2210, 97.6386, 104.2932



80.2912, 79.9814, 92.1219



19.9723, 20.9235, 22.3713



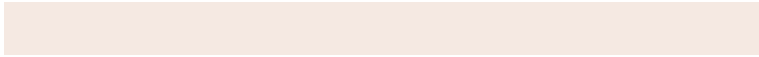
0.0000, 0.0000, 0.0000



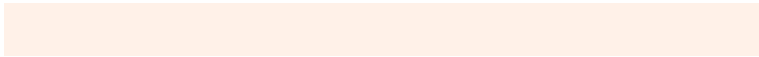
20.3446, 21.4041, 23.3091

Same Dimension

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



80.5249, 83.1849, 83.7649



87.1232, 89.7102, 89.1051



83.2759, 88.6870, 84.6819



16.9994, 17.4830, 17.2762



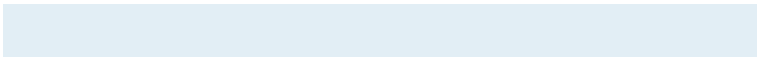
22.3912, 14.6680, 1.6511



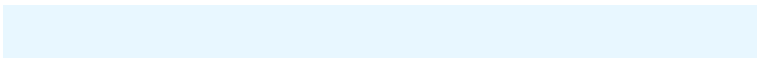
2.0627, 1.4786, 0.1767

Inverse Universe

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



78.4199, 83.9091, 98.4501



84.4651, 90.6244, 107.6482



75.7370, 78.5433, 97.5558



16.4532, 17.6708, 21.0862



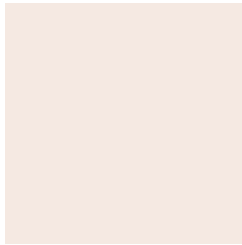
15.3016, 16.3970, 48.8965



1.4428, 1.6371, 4.3302

Previews

White Background



This preview shows how the XYZ color 80.5226, 83.1813, 83.7631 looks on a white background.

Color Contrast Check

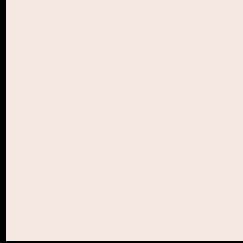
Large Text (above 18pt) WCAG AA × Fail

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 80.5226, 83.1813, 83.7631 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

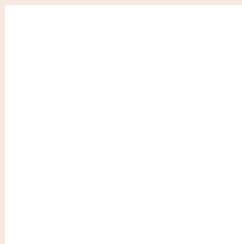
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5226, 83.1813, 83.7631

Background



This preview shows how black text looks on a background with the XYZ color 80.5226, 83.1813, 83.7631.



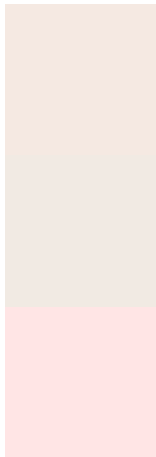
This preview shows how white text looks on a background with the XYZ color 80.5226, 83.1813,

83.7631.

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

80.5226, 83.1813, 83.7631

Protanopia

79.5636, 83.0925, 84.5180

Deuteranopia

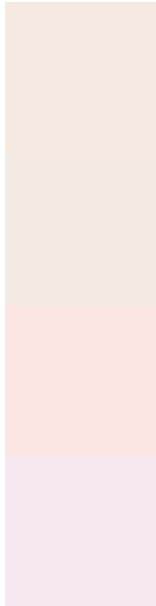
83.4022, 82.9558, 85.7450



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

80.5226, 83.1813, 83.7631

Protanomaly

79.9059, 83.2689, 84.5341

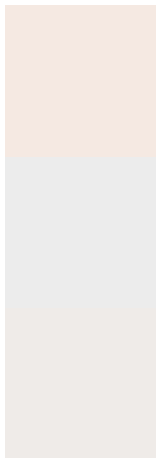
Deuteranomaly

82.0841, 82.7043, 85.0360

Tritanomaly

82.6619, 83.2173, 94.1439

Monochromacy



Original Color

80.5226, 83.1813, 83.7631

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.8704, 83.5936, 88.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5226, 83.1813, 83.7631 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(245, 233, 226) looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 226)  
}
```

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(245, 233, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 226) }
```

Border

The CSS property to change the border of an element to XYZ 80.5226, 83.1813, 83.7631 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(245, 233, 226) }
```


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

```
.border{ border-color:rgb(245, 233, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 226);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5226, 83.1813, 83.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 226) }
```

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

```
.background{ background-color: rgb(245,  
233, 226) }
```

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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