

Converting Colors

XYZ(81.6263, 83.1604, 81.7762)

Have a look what the booklet for
XYZ(81.6263, 83.1604, 81.7762)
contains.

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Color

**XYZ(81.3195, 82.8035,
81.5087)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE7DF
RGB	250, 231, 223
RGB Percent	98%, 91%, 87%
CMY	0.0196, 0.0941, 0.1255
CMYK	0.00, 0.08, 0.11, 0.02
HSL	18°, 73%, 93%
HSV	18°, 11%, 98%
XYZ	81.3195, 82.8035, 81.5087
YIQ	235.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

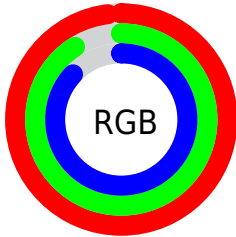
Format	Color
R _Y B	250, 234, 223
Decimal	16443359
CIE Lab	92.93, 5.15, 6.21
CIE LCh	93, 8.066, 50.339
Yxy	82.8035, 0.3311, 0.3371
Android (android.graphics.Color)	4294633439 (0xFFFAE7DF)
YUV	235.7690, -6.2951, 12.4806
Hunter-Lab	90.9964, 0.2738, 10.5894

Details

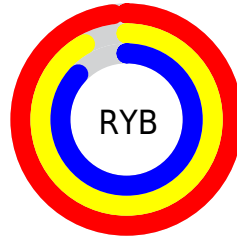
The XYZ color **81.3195, 82.8035, 81.5087** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.4385, 86.0927, 102.8740**, and the grayscale version is **79.5932, 83.7383, 91.1910**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3902, 44.8246, 43.3582** is the 20% darker color. If you saturate the color by 10%, you get **73.5173, 72.2003, 63.4883**, and if you desaturate by 10%, it is **90.1187, 94.6025, 102.3187**.

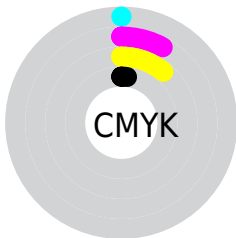
Distribution



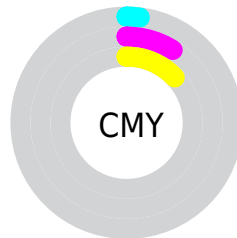
- Red (98%)
- Green (91%)
- Blue (87%)



- Red (98%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3195, 82.8035, 81.5087 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 81.3195, 82.8035, 81.5087 by changing the saturation by 10% instead.


 81.3195, 82.8035,
81.5087

 81.3195, 82.8035,
81.5087


488.0377,
504.3314, 519.8431

 61.1170, 62.0281,
60.4272


134.1601,
137.3002, 137.3153

 44.5725, 45.0554,
43.3355


167.5289,
171.7903, 172.8775

 31.3206, 31.5010,
29.8151


206.0171,
211.6207, 214.1037

 20.9962, 20.9807,
19.4474

249.9902,
257.1758, 261.4123

 13.2336, 13.1099,
11.8139

299.8134,
308.8400, 315.2221

 7.6677, 7.5043,
6.4961

355.8522,

 3.9331, 3.7794,

366.9978, 375.9514

3.0754

418.4718,
432.0334, 444.0189

■ 1.6644, 1.5509,
1.1333

■ 0.4338, 0.3242,
0.0000

■ 81.3195, 82.8035,
81.5087

■ 81.3195, 82.8035,
81.5087

■ 73.5173, 72.2003,
63.4883

■ 90.1187, 94.6025,
102.3187

■ 66.6690, 62.7441,
48.1329

■ 93.2347, 99.0642,
108.8150

■ 60.7384, 54.3989,
35.3163

■ 55.6841, 47.1226,
24.9000

■ 51.4614, 40.8701,
16.7320

■ 48.0212, 35.5930,
10.6427

■ 45.3088, 31.2388,
6.4381

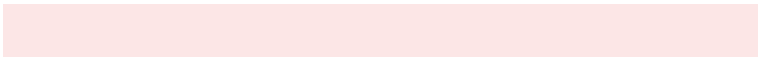
■ 43.2607, 27.7488,
3.8866

■ 41.8812, 25.2373,
2.6639

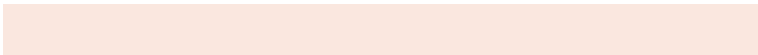
Harmonies

Analogous

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



82.5670, 82.8035, 86.1814



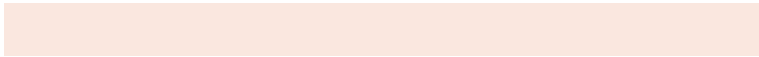
81.3195, 82.8035, 81.5087



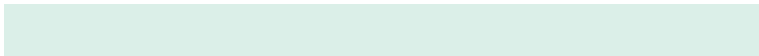
79.3849, 82.8035, 79.1854

Triad

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



81.3195, 82.8035, 81.5087



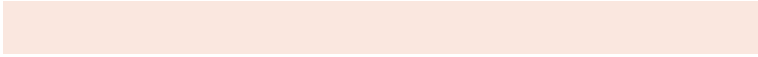
74.7710, 82.8035, 88.2235



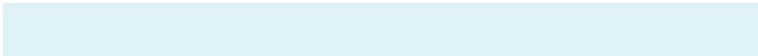
80.1205, 82.8035, 101.4955

Complementary

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



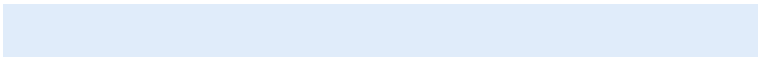
81.3195, 82.8035, 81.5087



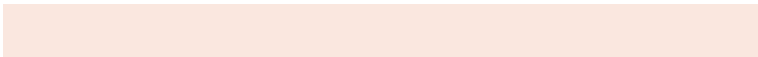
79.4385, 86.0927, 102.8740

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.



78.0235, 82.8035, 102.1022



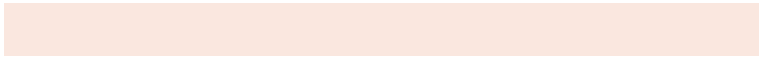
81.3195, 82.8035, 81.5087



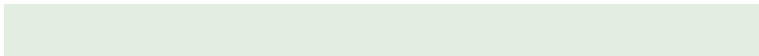
74.9600, 82.8035, 94.2570

Square

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



81.3195, 82.8035, 81.5087



75.6208, 82.8035, 82.9463



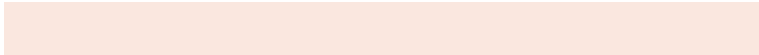
76.1418, 82.8035, 99.4005



81.8662, 82.8035, 97.7781

Rectangle

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



81.3195, 82.8035, 81.5087



77.9765, 82.8035, 79.2073



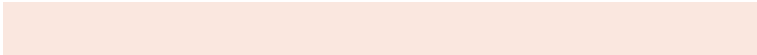
76.1418, 82.8035, 99.4005



79.4324, 82.8035, 102.0763

Sweetspot

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



81.3218, 82.8072, 81.5105



92.1496, 96.1310, 101.9775



81.8926, 79.5323, 95.3163



19.5614, 20.3588, 21.4412



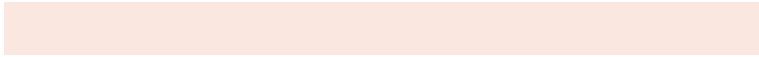
0.0000, 0.0000, 0.0000



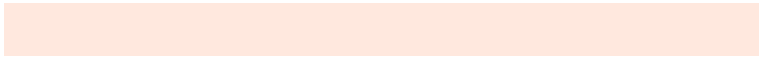
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3218, 82.8072, 81.5105



83.1707, 84.0579, 80.8431



85.1404, 90.4443, 82.7833



17.6640, 18.0638, 18.0181



22.3233, 13.6033, 1.4491



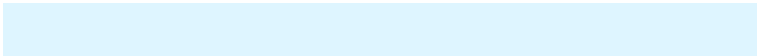
2.1554, 1.4357, 0.1635

Inverse Universe

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



79.4385, 86.0927, 102.8740



80.8328, 88.1350, 107.3592



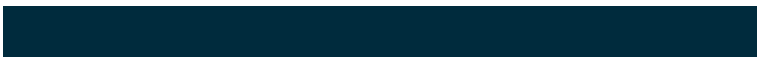
75.6657, 78.5469, 101.6164



17.3059, 18.6886, 22.0804



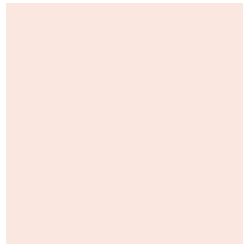
17.5071, 20.3698, 50.9826



1.7136, 2.0709, 4.7526

Previews

White Background



This preview shows how the XYZ color 81.3195, 82.8035, 81.5087 looks on a white background.

Color Contrast Check

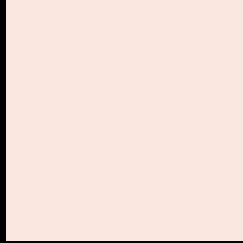
Large Text (above 18pt) WCAG AA × Fail

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 81.3195, 82.8035, 81.5087 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

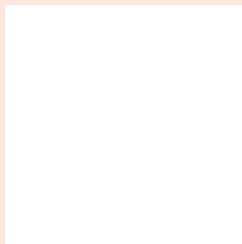
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3195, 82.8035, 81.5087

Background



This preview shows how black text looks on a background with the XYZ color 81.3195, 82.8035, 81.5087.



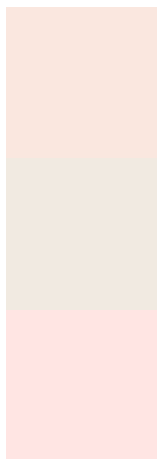
This preview shows how white text looks on a background with the XYZ color 81.3195, 82.8035,

81.5087.

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

81.3195, 82.8035, 81.5087

Protanopia

79.2891, 82.9827, 83.0724

Deuteranopia

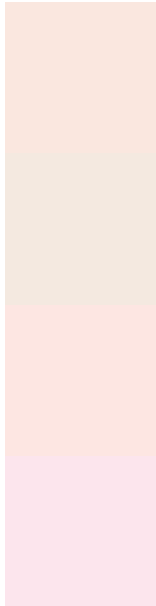
83.1244, 82.8447, 84.2825



Tritanopia

84.7328, 82.9620, 97.9336

Trichromacy



Original Color

81.3195, 82.8035, 81.5087

Protanomaly

79.9017, 82.8927, 82.3096

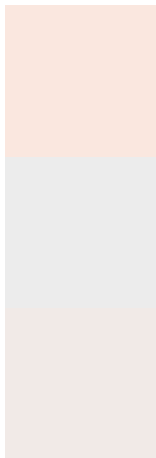
Deuteranomaly

82.5323, 82.9673, 83.6159

Tritanomaly

83.4503, 82.8485, 91.7138

Monochromacy



Original Color

81.3195, 82.8035, 81.5087

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1223, 83.3159, 87.4600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3195, 82.8035, 81.5087 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(250, 231, 223) looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 223)  
}
```

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(250, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.3195, 82.8035, 81.5087 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(250, 231, 223) }
```


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

```
.border{ border-color:rgb(250, 231, 223) }
```

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

Here you see how a box with a 4 pixel rgb(250, 231, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3195, 82.8035, 81.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 223) }
```

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

```
.background{ background-color: rgb(250,  
231, 223) }
```

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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