

Converting Colors

XYZ(82.0556, 85.2722, 80.7213)

Have a look what the booklet for
XYZ(82.0556, 85.2722, 80.7213)
contains.

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Color

**XYZ(82.1135, 85.3511,
80.5532)**

Conversions

Conversions Part 1

Format	Color
Hex	F9ECDD
RGB	249, 236, 221
RGB Percent	98%, 93%, 87%
CMY	0.0235, 0.0745, 0.1333
CMYK	0.00, 0.05, 0.11, 0.02
HSL	32°, 70%, 92%
HSV	32°, 11%, 98%
XYZ	82.1135, 85.3511, 80.5532
YIQ	238.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

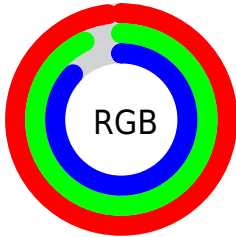
Format	Color
R_{YB}	245, 249, 221
Decimal	16379101
CIE Lab	94.03, 1.92, 8.83
CIE LCh	94, 9.035, 77.723
Yxy	85.3511, 0.3311, 0.3441
Android (android.graphics.Color)	4294569181 (0xFFF9ECDD)
YUV	238.1770, -8.4683, 9.4918
Hunter-Lab	92.3857, -3.0219, 12.9736

Details

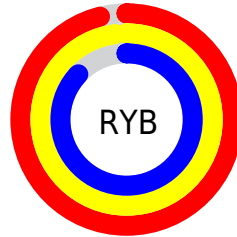
The XYZ color **82.1135, 85.3511, 80.5532** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3402, 81.0558, 101.2451**, and the grayscale version is **81.4638, 85.7063, 93.3341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9424, 46.6022, 42.7028** is the 20% darker color. If you saturate the color by 10%, you get **75.8193, 77.6833, 63.2835**, and if you desaturate by 10%, it is **89.1198, 93.6539, 100.4897**.

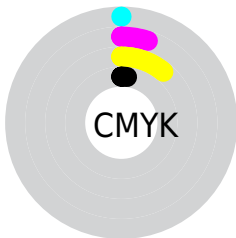
Distribution



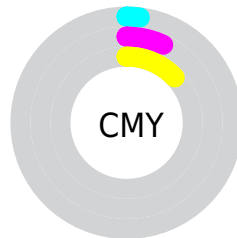
- Red (98%)
- Green (93%)
- Blue (87%)



- Red (96%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1135, 85.3511, 80.5532 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 82.1135, 85.3511, 80.5532 by changing the saturation by 10% instead.

82.1135, 85.3511,
80.5532

82.1135, 85.3511,
80.5532

490.6560,
512.7891, 516.5510

61.7735, 64.1315,
59.6448

135.2681,
140.8636, 135.9616

45.1046, 46.7572,
42.7090

168.8135,
175.9253, 171.2988

31.7415, 32.8438,
29.3272

207.4914,
216.3699, 212.2827

21.3187, 22.0068,
19.0807

251.6672,
262.5817, 259.3317

13.4709, 13.8619,
11.5512

301.7062,
314.9451, 312.8646

7.8329, 8.0247,
6.3201

357.9737,

4.0391, 4.1107,

373.8446, 373.2997

2.9688

420.8352,
439.6644, 441.0557

■ 1.7243, 1.7357,
1.0787

■ 0.4714, 0.4466,
0.0000

■ 82.1135, 85.3511,
80.5532

■ 82.1135, 85.3511,
80.5532

■ 75.8193, 77.6833,
63.2835

■ 89.1198, 93.6539,
100.4897

■ 70.2045, 70.6225,
48.5602

■ 92.8773, 98.8799,
108.7983

■ 65.2442, 64.1549,
36.2617

■ 60.9089, 58.2619,
26.2539

■ 57.1666, 52.9234,
18.3900

■ 53.9817, 48.1181,
12.5055

■ 51.3140, 43.8221,
8.4118

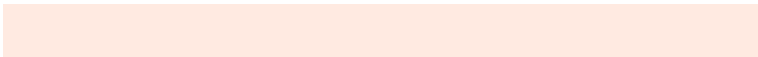
■ 49.1159, 40.0086,
5.8828

■ 47.5145, 37.0344,
4.6441

Harmonies

Analogous

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



84.2826, 85.3511, 83.4508



82.1135, 85.3511, 80.5532



79.7205, 85.3511, 80.8504

Triad

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



82.1135, 85.3511, 80.5532



76.7872, 85.3511, 97.0336



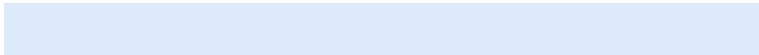
84.6025, 85.3511, 102.1542

Complementary

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



82.1135, 85.3511, 80.5532



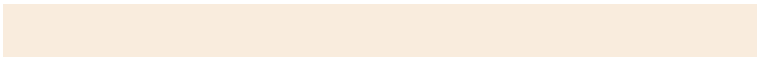
76.3402, 81.0558, 101.2451

Split Complementary

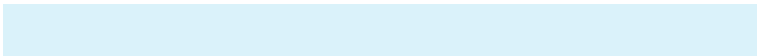
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5432, 85.3511, 106.1628



82.1135, 85.3511, 80.5532



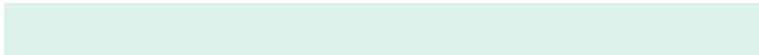
78.0446, 85.3511, 103.1072

Square

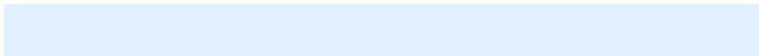
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1135, 85.3511, 80.5532



76.6773, 85.3511, 90.1380



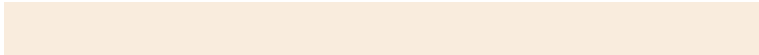
80.1418, 85.3511, 106.5200



85.7387, 85.3511, 95.7849

Rectangle

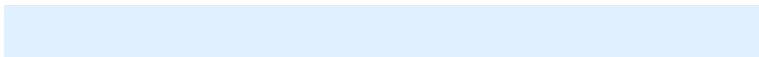
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1135, 85.3511, 80.5532



78.3200, 85.3511, 82.8211



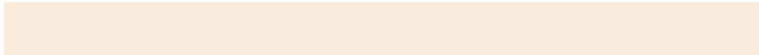
80.1418, 85.3511, 106.5200



83.9935, 85.3511, 103.8358

Sweetspot

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



82.1158, 85.3549, 80.5550



92.7203, 97.2726, 102.1677



79.7852, 77.7982, 88.7046



19.7152, 20.6665, 21.4925



0.0000, 0.0000, 0.0000



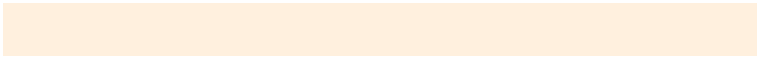
20.3446, 21.4041, 23.3091

Same Dimension

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



82.1158, 85.3549, 80.5550



85.4514, 88.6193, 81.6033



85.6627, 92.9413, 81.8324



18.0150, 18.7658, 18.1351



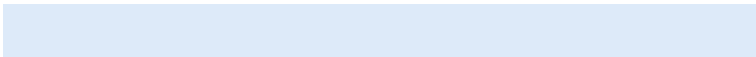
25.5774, 20.1114, 2.5338



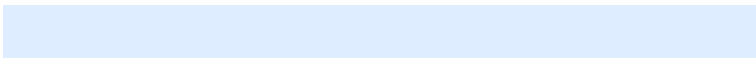
2.4750, 2.0749, 0.2700

Inverse Universe

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



76.3402, 81.0558, 101.2451



78.4807, 83.4307, 106.5751



73.0603, 74.0728, 100.0701



16.9470, 17.9709, 21.9608



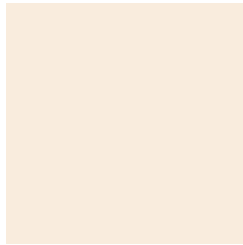
12.6080, 10.5716, 49.3496



1.2726, 1.1889, 4.6056

Previews

White Background



This preview shows how the XYZ color 82.1135, 85.3511, 80.5532 looks on a white background.

Color Contrast Check

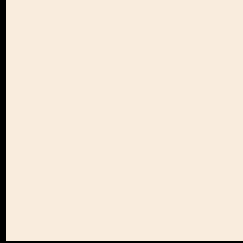
Large Text (above 18pt) WCAG AA × Fail

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 82.1135, 85.3511, 80.5532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

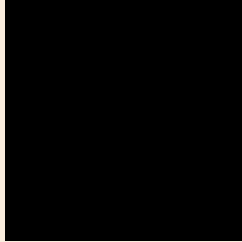
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1135, 85.3511, 80.5532

Background



This preview shows how black text looks on a background with the XYZ color 82.1135, 85.3511, 80.5532.

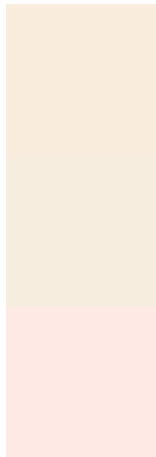


This preview shows how white text looks on a background with the XYZ color 82.1135, 85.3511,

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

82.1135, 85.3511, 80.5532

Protanopia

81.4750, 85.4351, 81.3037

Deuteranopia

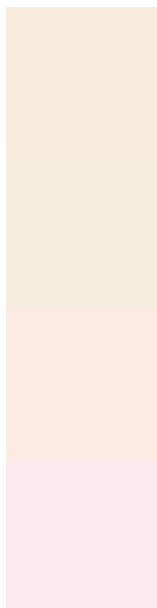
84.5218, 85.1950, 86.1182



Tritanopia

86.6199, 85.4980, 102.3799

Trichromacy



Original Color

82.1135, 85.3511, 80.5532

Protanomaly

81.8268, 85.6165, 81.3201

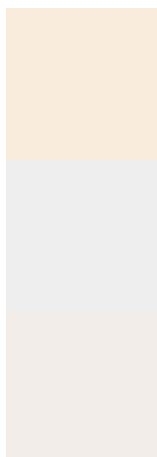
Deuteranomaly

83.6583, 85.2193, 83.9912

Tritanomaly

84.8638, 85.2053, 93.6348

Monochromacy



Original Color

82.1135, 85.3511, 80.5532

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.4676, 85.2718, 88.5092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1135, 85.3511, 80.5532 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(249, 236, 221) looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 221)  
}
```

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(249, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 221) }
```

Border

The CSS property to change the border of an element to XYZ 82.1135, 85.3511, 80.5532 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(249, 236, 221) }
```


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

```
.border{ border-color:rgb(249, 236, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1135, 85.3511, 80.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 221) }
```

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

```
.background{ background-color: rgb(249,  
236, 221) }
```

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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