

Converting Colors

XYZ(82.2165, 84.8353, 81.0122)

Have a look what the booklet for
XYZ(82.2165, 84.8353, 81.0122)
contains.

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Color

**XYZ(82.3175, 85.0146,
81.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEBDE
RGB	250, 235, 222
RGB Percent	98%, 92%, 87%
CMY	0.0196, 0.0784, 0.1294
CMYK	0.00, 0.06, 0.11, 0.02
HSL	28°, 74%, 93%
HSV	28°, 11%, 98%
XYZ	82.3175, 85.0146, 81.1781
YIQ	238.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

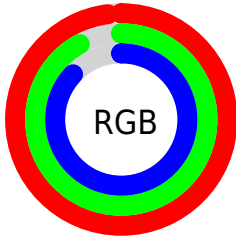
Format	Color
R _Y B	250, 246, 222
Decimal	16444382
CIE Lab	93.89, 2.94, 8.11
CIE LCh	94, 8.628, 70.083
Yxy	85.0146, 0.3312, 0.3421
Android (android.graphics.Color)	4294634462 (0xFFFAEBDE)
YUV	238.0030, -7.8895, 10.5214
Hunter-Lab	92.2034, -1.9943, 12.3420

Details

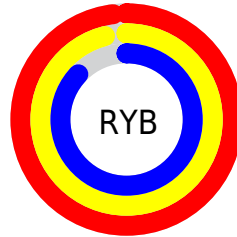
The XYZ color **82.3175, 85.0146, 81.1781** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.6634, 82.9985, 102.3704**, and the grayscale version is **81.3244, 85.5596, 93.1744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0875, 46.3677, 43.1327** is the 20% darker color. If you saturate the color by 10%, you get **75.5227, 76.3950, 63.5895**, and if you desaturate by 10%, it is **89.9024, 94.4175, 101.4832**.

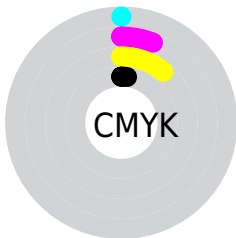
Distribution



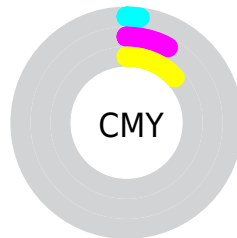
- Red (98%)
- Green (92%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3175, 85.0146, 81.1781 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 82.3175, 85.0146, 81.1781 by changing the saturation by 10% instead.

 82.3175, 85.0146,
81.1781

 82.3175, 85.0146,
81.1781


491.3275,
511.6764, 518.7054

 61.9423, 63.8534,
60.1564


135.5527,
140.3936, 136.8471

 45.2415, 46.5320,
43.1186


169.1433,
175.3802, 172.3316

 31.8498, 32.6658,
29.6461


207.8698,
215.7441, 213.4740

 21.4018, 21.8706,
19.3204

252.0975,
261.8696, 260.6931

 13.5321, 13.7618,
11.7228

302.1918,
314.1412, 314.4072

 7.8755, 7.9552,
6.4350

358.5180,

 4.0665, 4.0663,

372.9433, 375.0349

3.0383

421.4414,
438.6602, 442.9948

■ 1.7398, 1.7107,
1.1142

■ 0.4810, 0.4306,
0.0000

■ 82.3175, 85.0146,
81.1781

■ 82.3175, 85.0146,
81.1781

■ 75.5227, 76.3950,
63.5895

■ 89.9024, 94.4175,
101.4832

■ 69.4829, 68.5261,
48.5952

■ 93.2347, 99.0642,
108.8150

■ 64.1705, 61.3893,
36.0715

■ 59.5534, 54.9609,
25.8825

■ 55.5966, 49.2156,
17.8788

■ 52.2615, 44.1263,
11.8938

■ 49.5048, 39.6633,
7.7360

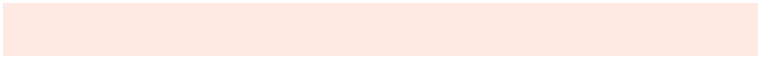
■ 47.2752, 35.7934,
5.1762

■ 45.6832, 32.8412,
3.9312

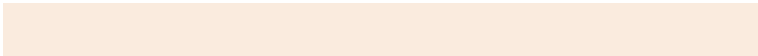
Harmonies

Analogous

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



84.2298, 85.0146, 84.6598



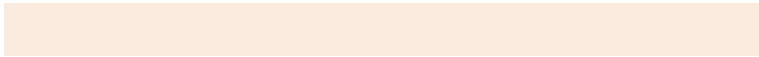
82.3175, 85.0146, 81.1781



80.0332, 85.0146, 80.6651

Triad

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



82.3175, 85.0146, 81.1781



76.5337, 85.0146, 94.7982



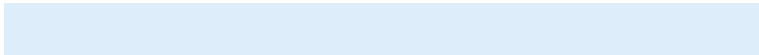
83.6806, 85.0146, 102.5837

Complementary

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



82.3175, 85.0146, 81.1781



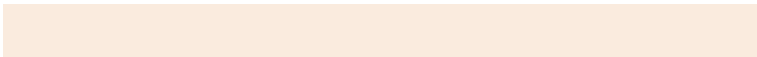
77.6634, 82.9985, 102.3704

Split Complementary

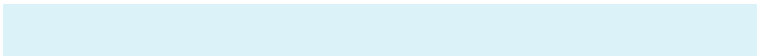
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5794, 85.0146, 105.5844



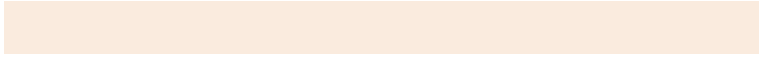
82.3175, 85.0146, 81.1781



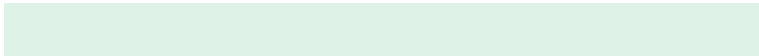
77.4721, 85.0146, 100.9506

Square

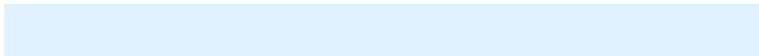
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3175, 85.0146, 81.1781



76.7228, 85.0146, 88.3247



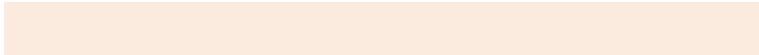
79.3088, 85.0146, 104.9730



85.0270, 85.0146, 96.9419

Rectangle

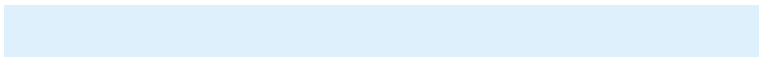
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3175, 85.0146, 81.1781



78.6105, 85.0146, 82.0488



79.3088, 85.0146, 104.9730



83.0375, 85.0146, 103.9465

Sweetspot

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



82.3198, 85.0183, 81.1799



92.5495, 96.9308, 102.1108



80.8912, 78.7056, 91.3568



19.6691, 20.5743, 21.4771



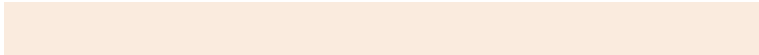
0.0000, 0.0000, 0.0000



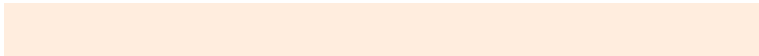
20.3446, 21.4041, 23.3091

Same Dimension

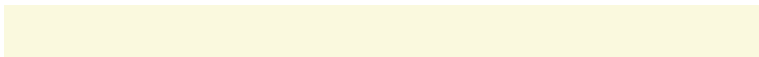
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3198, 85.0183, 81.1799



84.7603, 87.2372, 81.3730



86.3623, 93.1032, 82.5274



17.9091, 18.5540, 18.0998



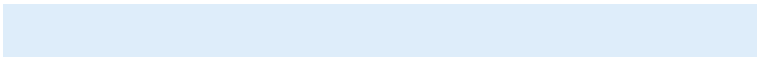
24.3723, 17.7013, 2.1321



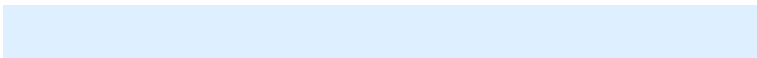
2.3622, 1.8492, 0.2324

Inverse Universe

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



77.6634, 82.9985, 102.3704



79.1717, 84.8128, 106.8055



73.8753, 75.4223, 101.1077



17.0529, 18.1827, 21.9961



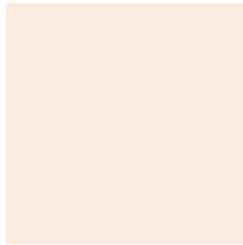
13.8121, 12.9797, 49.7509



1.3854, 1.4144, 4.6432

Previews

White Background



This preview shows how the XYZ color 82.3175, 85.0146, 81.1781 looks on a white background.

Color Contrast Check

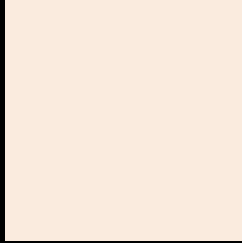
Large Text (above 18pt) WCAG AA × Fail

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 82.3175, 85.0146, 81.1781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

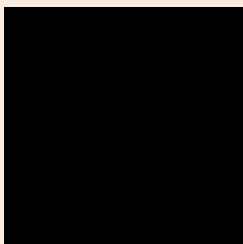
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

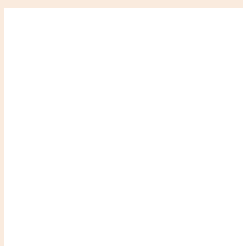
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3175, 85.0146, 81.1781

Background



This preview shows how black text looks on a background with the XYZ color 82.3175, 85.0146, 81.1781.



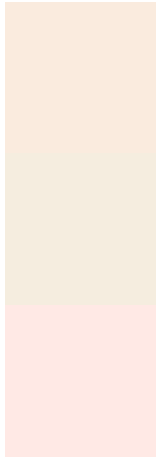
This preview shows how white text looks on a background with the XYZ color 82.3175, 85.0146,

81.1781.

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

82.3175, 85.0146, 81.1781

Protanopia

81.2597, 85.3086, 81.9954

Deuteranopia

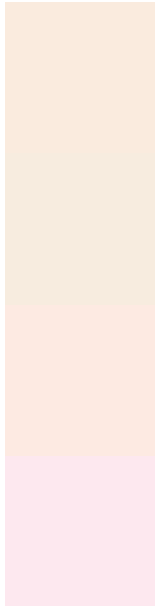
84.5218, 85.1950, 86.1182



Tritanopia

86.5478, 85.0622, 101.4796

Trichromacy



Original Color

82.3175, 85.0146, 81.1781

Protanomaly

81.6725, 85.0928, 81.9320

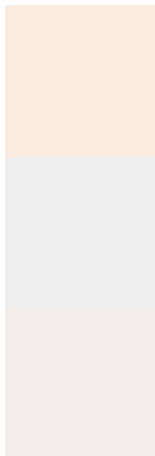
Deuteranomaly

83.6583, 85.2193, 83.9912

Tritanomaly

84.9446, 84.8279, 93.5577

Monochromacy



Original Color

82.3175, 85.0146, 81.1781

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 82.3175, 85.0146, 81.1781 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, 235, 222) looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 222)  
}
```

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, 235, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.3175, 85.0146, 81.1781 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, 235, 222) }
```


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

```
.border{ border-color:rgb(250, 235, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3175, 85.0146, 81.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 222) }
```

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

```
.background{ background-color: rgb(250,  
235, 222) }
```

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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