

Converting Colors

XYZ(82.5174, 82.9735, 81.2605)

Have a look what the booklet for
XYZ(82.5174, 82.9735, 81.2605)
contains.

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Color

**XYZ(82.4891, 82.9922,
81.4835)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE6DF
RGB	254, 230, 223
RGB Percent	100%, 90%, 87%
CMY	0.0039, 0.0980, 0.1255
CMYK	0.00, 0.09, 0.12, 0.00
HSL	14°, 94%, 94%
HSV	14°, 12%, 100%
XYZ	82.4891, 82.9922, 81.4835
YIQ	236.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

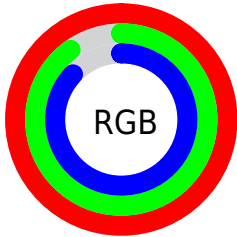
Format	Color
R _Y B	254, 232, 223
Decimal	16705247
CIE Lab	93.01, 7.06, 6.37
CIE LCh	93, 9.507, 42.076
Yxy	82.9922, 0.3340, 0.3360
Android (android.graphics.Color)	4294895327 (0xFFFE6DF)
YUV	236.3780, -6.5954, 15.4545
Hunter-Lab	91.1001, 2.2027, 10.7387

Details

The XYZ color **82.4891, 82.9922, 81.4835** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5811, 89.3633, 106.7156**, and the grayscale version is **80.0605, 84.2298, 91.7263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4238, 45.3574, 43.4066** is the 20% darker color. If you saturate the color by 10%, you get **74.1525, 71.3938, 63.0576**, and if you desaturate by 10%, it is **91.9612, 96.0376, 102.8243**.

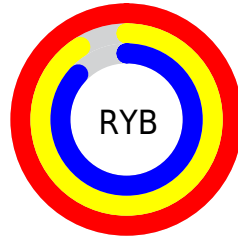
Distribution



Red (100%)

Green (90%)

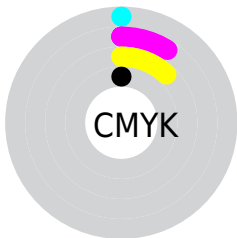
Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

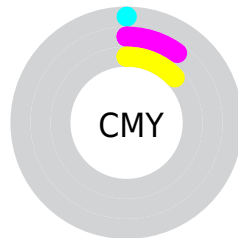


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4891, 82.9922, 81.4835 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 82.4891, 82.9922, 81.4835 by changing the saturation by 10% instead.


 82.4891, 82.9922,
81.4835

 82.4891, 82.9922,
81.4835


491.8920,
504.9605, 519.7564

 62.0843, 62.1837,
60.4066


135.7919,
137.5645, 137.2796

 45.3566, 45.1812,
43.3190


169.4206,
172.0972, 172.8359

 31.9409, 31.6001,
29.8022


208.1880,
211.9733, 214.0557

 21.4717, 21.0563,
19.4377

252.4593,
257.5774, 261.3575

 13.5836, 13.1651,
11.8070

302.6000,
309.2937, 315.1600

 7.9114, 7.5424,
6.4915

358.9755,

 4.0896, 3.8035,

367.5068, 375.8816

3.0726

421.9510,
432.6009, 443.9409

■ 1.7530, 1.5643,
1.1318

■ 0.4891, 0.3333,
0.0000

■ 82.4891, 82.9922,
81.4835

■ 82.4891, 82.9922,
81.4835

■ 74.1525, 71.3938,
63.0576

■ 91.9612, 96.0376,
102.8243

■ 66.9013, 61.1816,
47.4144

94.6833, 99.8110,
108.8828

■ 60.6917, 52.3063,
34.4195

■ 55.4744, 44.7117,
23.9249

■ 51.1957, 38.3376,
15.7682

■ 47.7967, 33.1185,
9.7677

■ 45.2112, 28.9826,
5.7143

■ 43.3621, 25.8493,
3.3565

■ 42.3560, 24.0363,
2.4071

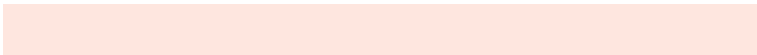
Harmonies

Analogous

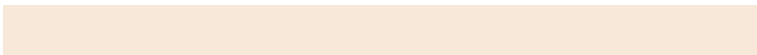
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6568, 82.9922, 87.5259



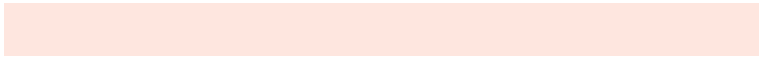
82.4891, 82.9922, 81.4835



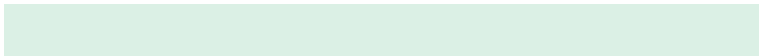
80.3643, 82.9922, 77.9354

Triad

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



82.4891, 82.9922, 81.4835



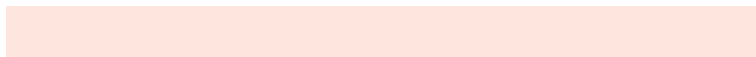
74.4132, 82.9922, 86.2098



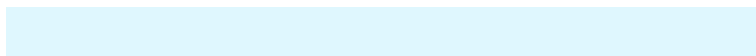
79.8875, 82.9922, 104.4474

Complementary

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



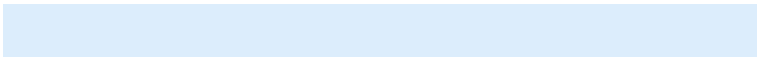
82.4891, 82.9922, 81.4835



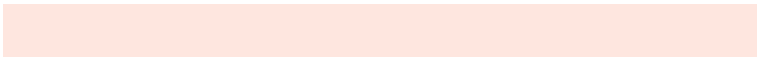
81.5811, 89.3633, 106.7156

Split Complementary

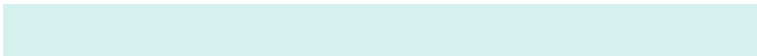
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4173, 82.9922, 104.0491



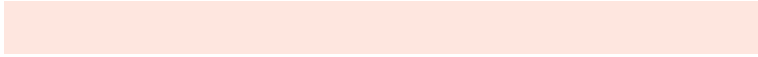
82.4891, 82.9922, 81.4835



74.2916, 82.9922, 93.2636

Square

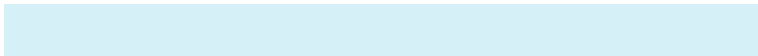
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4891, 82.9922, 81.4835



75.7164, 82.9922, 80.5637



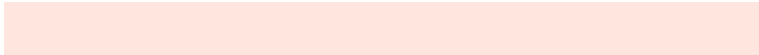
75.3808, 82.9922, 99.8682



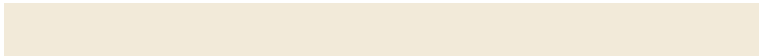
82.1338, 82.9922, 100.9293

Rectangle

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



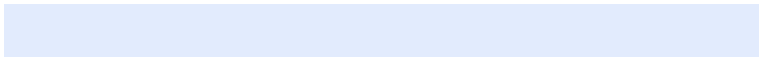
82.4891, 82.9922, 81.4835



78.7083, 82.9922, 77.3421



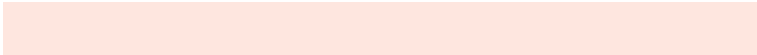
75.3808, 82.9922, 99.8682



79.0552, 82.9922, 104.7720

Sweetspot

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



82.4914, 82.9959, 81.4853



90.9837, 94.4260, 99.6569



84.0939, 80.5802, 99.3472



19.3151, 19.9924, 20.9703



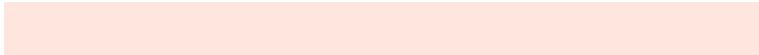
0.0000, 0.0000, 0.0000



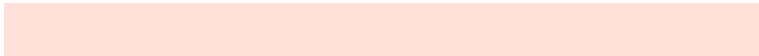
20.3446, 21.4041, 23.3091

Same Dimension

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



82.4914, 82.9959, 81.4853



80.7635, 80.3199, 76.7219



86.9112, 91.8354, 82.9585



18.3423, 18.6527, 18.7779



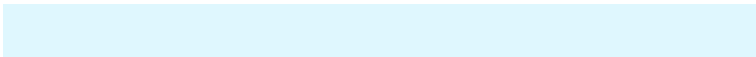
22.4205, 12.8522, 1.2990



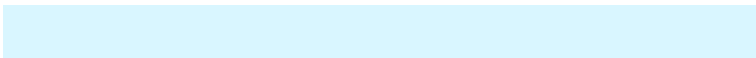
2.2607, 1.4067, 0.1524

Inverse Universe

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



81.5811, 89.3633, 106.7156



79.6555, 88.0624, 107.4072



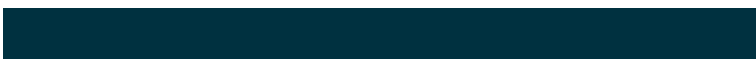
77.1175, 80.4362, 105.2278



18.1863, 19.7442, 23.1024



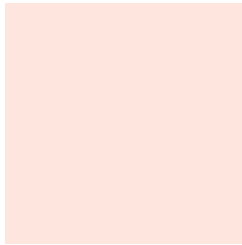
20.0269, 24.9634, 53.1975



2.0311, 2.5929, 5.2067

Previews

White Background



This preview shows how the XYZ color 82.4891, 82.9922, 81.4835 looks on a white background.

Color Contrast Check

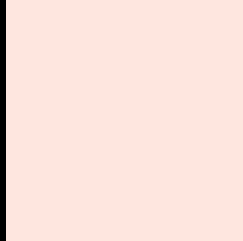
Large Text (above 18pt) WCAG AA × Fail

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 82.4891, 82.9922, 81.4835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

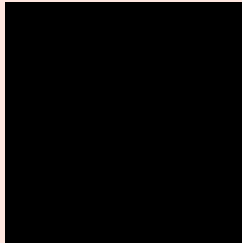
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.4891, 82.9922, 81.4835

Background



This preview shows how black text looks on a background with the XYZ color 82.4891, 82.9922, 81.4835.



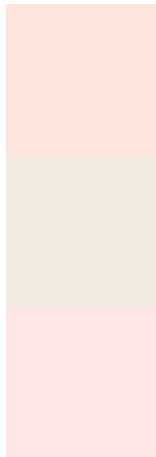
This preview shows how white text looks on a background with the XYZ color 82.4891, 82.9922,

81.4835.

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

82.4891, 82.9922, 81.4835

Protanopia

79.2891, 82.9827, 83.0724

Deuteranopia

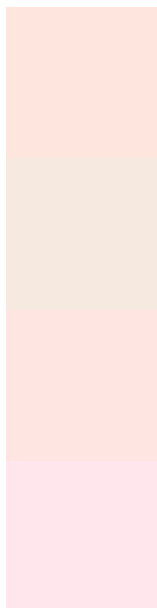
83.1244, 82.8447, 84.2825



Tritanopia

85.3125, 83.2785, 97.1658

Trichromacy



Original Color

82.4891, 82.9922, 81.4835

Protanomaly

80.5995, 83.2525, 82.3423

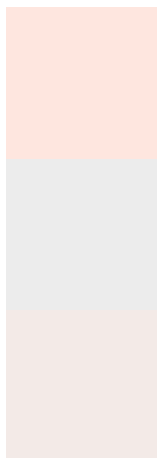
Deuteranomaly

82.9868, 82.7896, 83.5576

Tritanomaly

84.3996, 83.3548, 90.9976

Monochromacy



Original Color

82.4891, 82.9922, 81.4835

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8088, 83.6698, 87.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4891, 82.9922, 81.4835 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(254, 230, 223) looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 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(254, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 223) }
```

Border

The CSS property to change the border of an element to XYZ 82.4891, 82.9922, 81.4835 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(254, 230, 223) }
```


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

```
.border{ border-color:rgb(254, 230, 223) }
```

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

Here you see how a box with a 4 pixel rgb(254, 230, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4891, 82.9922, 81.4835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 223) }
```

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

```
.background{ background-color: rgb(254,  
230, 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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