

Converting Colors

XYZ(149.1096, 119.7566,
71.5221)

Have a look what the booklet for
XYZ(149.1096, 119.7566, 71.5221)
contains.

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Color

**XYZ(81.7278, 84.9885,
68.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBCB
RGB	255, 235, 203
RGB Percent	100%, 92%, 80%
CMY	0.0000, 0.0784, 0.2039
CMYK	0.00, 0.08, 0.20, 0.00
HSL	37°, 100%, 90%
HSV	37°, 20%, 100%
XYZ	81.7278, 84.9885, 68.5968
YIQ	237.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

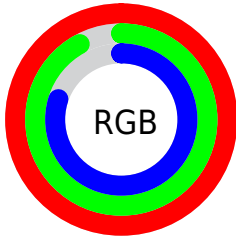
Format	Color
RYB	236, 255, 203
Decimal	16772043
CIELab	93.88, 1.85, 17.99
CIELCh	94, 18.087, 84.139
Yxy	84.9885, 0.3473, 0.3612
Android (android.graphics.Color)	4294962123 (0xFFFFEBCB)
YUV	237.3320, -16.9257, 15.4948
Hunter-Lab	92.1892, -3.0869, 20.4155

Details

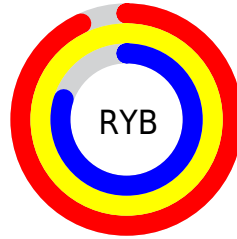
The XYZ color **81.7278, 84.9885, 68.5968** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.0656, 72.6897, 104.9981**, and the grayscale version is **80.8683, 85.0797, 92.6518**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8336, 46.4159, 35.0299** is the 20% darker color. If you saturate the color by 10%, you get **76.2057, 78.4138, 52.9766**, and if you desaturate by 10%, it is **87.9087, 92.0801, 86.9045**.

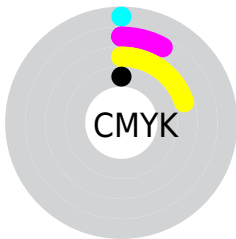
Distribution



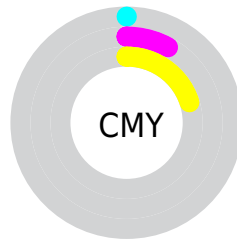
- Red (100%)
- Green (92%)
- Blue (80%)



- Red (93%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7278, 84.9885, 68.5968 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 81.7278, 84.9885, 68.5968 by changing the saturation by 10% instead.


 81.7278, 84.9885,
68.5968

 81.7278, 84.9885,
68.5968


489.3851,
511.5900, 474.2630

 61.4545, 63.8319,
49.9137


134.7300,
140.3571, 118.8678

 44.8460, 46.5145,
34.9741


168.1897,
175.3379, 151.2927

 31.5369, 32.6520,
23.3596


206.7756,
215.6955, 189.1354

 21.1619, 21.8600,
14.6514

250.8530,
261.8144, 232.8143

 13.3555, 13.7541,
8.4312

300.7873,
314.0788, 282.7479

 7.7525, 7.9498,
4.2804

356.9438,

 3.9875, 4.0629,

372.8733, 339.3549

1.7804

419.6879,
438.5823, 403.0537

■ 1.6950, 1.7088,
0.4150

■ 0.4532, 0.4293,
0.0000

■ 81.7278, 84.9885,
68.5968

■ 81.7278, 84.9885,
68.5968

■ 76.2057, 78.4138,
52.9766

■ 87.9087, 92.0801,
86.9045

■ 71.3092, 72.3302,
39.9093

94.7674, 99.6912,
108.0150

■ 67.0115, 66.7256,
29.2563

95.0500, 100.0000,
108.9000

■ 63.2809, 61.5834,
20.8639

■ 60.0824, 56.8851,
14.5603

■ 57.3758, 52.6105,
10.1486

■ 55.1141, 48.7360,
7.3939

■ 53.2887, 45.3574,
5.9462

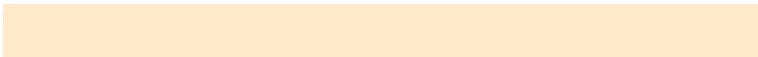
Harmonies

Analogous

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



86.3228, 84.9885, 72.6769



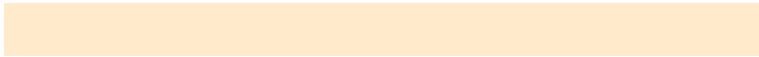
81.7278, 84.9885, 68.5968



77.0532, 84.9885, 70.3971

Triad

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



81.7278, 84.9885, 68.5968



72.6245, 84.9885, 103.8057



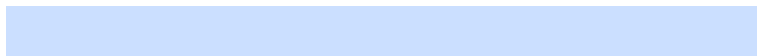
88.5139, 84.9885, 108.9497

Complementary

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



81.7278, 84.9885, 68.5968



69.0656, 72.6897, 104.9981

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.



84.6231, 84.9885, 118.8935



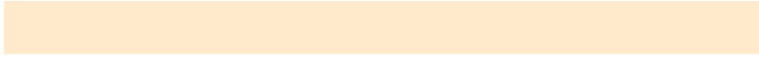
81.7278, 84.9885, 68.5968



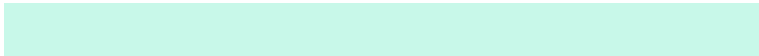
75.4778, 84.9885, 115.7233

Square

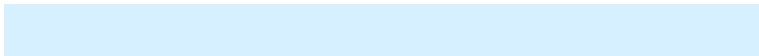
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7278, 84.9885, 68.5968



71.9181, 84.9885, 89.8577



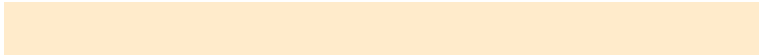
79.8376, 84.9885, 121.4874



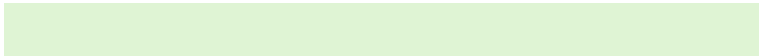
90.3394, 84.9885, 95.2712

Rectangle

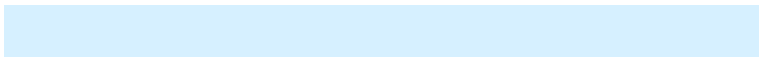
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7278, 84.9885, 68.5968



74.5040, 84.9885, 74.7903



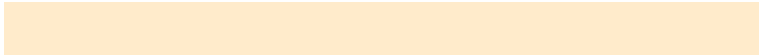
79.8376, 84.9885, 121.4874



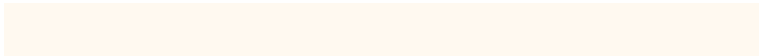
87.3969, 84.9885, 112.8922

Sweetspot

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



81.7299, 84.9922, 68.5986



90.8355, 95.3572, 95.8228



76.0240, 69.3438, 79.7575



19.3476, 20.3047, 20.2187



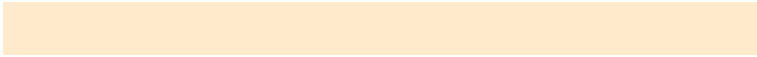
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



81.7299, 84.9922, 68.5986



79.6623, 82.5604, 62.6583



85.8925, 96.1190, 70.5269



18.9403, 19.8488, 18.9773



27.9935, 23.9983, 3.1567



2.8315, 2.5483, 0.3426

Inverse Universe

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



69.0656, 72.6897, 104.9981



65.1453, 68.4598, 104.3883



65.4755, 63.3719, 103.3888



17.5756, 18.5228, 22.8989



11.8495, 8.6085, 50.4717



1.2556, 1.0419, 4.9482

Previews

White Background



This preview shows how the XYZ color 81.7278, 84.9885, 68.5968 looks on a white background.

Color Contrast Check

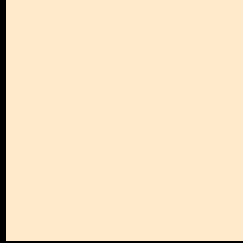
Large Text (above 18pt) WCAG AA × Fail

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 81.7278, 84.9885, 68.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

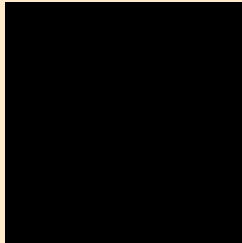
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7278, 84.9885, 68.5968

Background



This preview shows how black text looks on a background with the XYZ color 81.7278, 84.9885, 68.5968.



This preview shows how white text looks on a background with the XYZ color 81.7278, 84.9885,

68.5968.

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

81.7278, 84.9885, 68.5968

Protanopia

80.2502, 85.0677, 69.3168

Deuteranopia

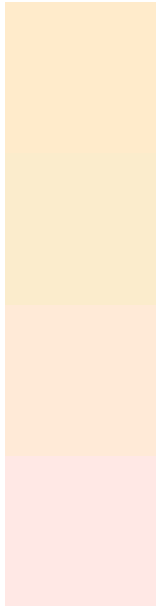
83.5637, 84.8118, 81.0733



Tritanopia

86.1450, 84.9435, 97.4433

Trichromacy



Original Color

81.7278, 84.9885, 68.5968

Protanomaly

80.6782, 84.8598, 69.2541

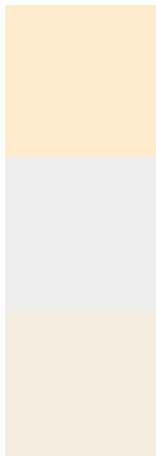
Deuteranomaly

82.9286, 85.0119, 76.3281

Tritanomaly

84.2395, 84.6304, 86.0241

Monochromacy



Original Color

81.7278, 84.9885, 68.5968

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.8943, 84.6602, 83.3116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7278, 84.9885, 68.5968 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(255, 235, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 203)  
}
```

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(255, 235, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 203) }
```

Border

The CSS property to change the border of an element to XYZ 81.7278, 84.9885, 68.5968 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(255, 235, 203) }
```


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

```
.border{ border-color:rgb(255, 235, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7278, 84.9885, 68.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 203) }
```

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

```
.background{ background-color: rgb(255,  
235, 203) }
```

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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