

Converting Colors

XYZ(79.8305, 81.9287, 67.4834)

Have a look what the booklet for
XYZ(79.8305, 81.9287, 67.4834)
contains.

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Color

**XYZ(79.8305, 81.9287,
67.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE6CA
RGB	254, 230, 202
RGB Percent	100%, 90%, 79%
CMY	0.0039, 0.0980, 0.2078
CMYK	0.00, 0.09, 0.20, 0.00
HSL	32°, 96%, 89%
HSV	32°, 20%, 100%
XYZ	79.8305, 81.9287, 67.4834
YIQ	233.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

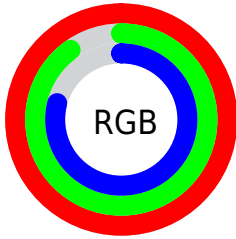
Format	Color
R _Y B	247, 254, 202
Decimal	16705226
CIE Lab	92.54, 3.89, 16.62
CIE LCh	93, 17.073, 76.822
Yxy	81.9287, 0.3482, 0.3574
Android (android.graphics.Color)	4294895306 (0xFFFE6CA)
YUV	233.9840, -15.7681, 17.5540
Hunter-Lab	90.5145, -0.9698, 19.1563

Details

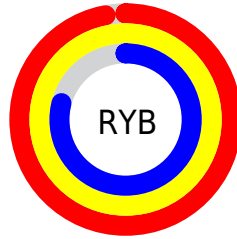
The XYZ color **79.8305, 81.9287, 67.4834** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.4424, 74.1032, 104.4097**, and the grayscale version is **78.2997, 82.3774, 89.7090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7012, 44.6684, 34.3355** is the 20% darker color. If you saturate the color by 10%, you get **73.9150, 74.5205, 51.8753**, and if you desaturate by 10%, it is **86.4648, 89.9810, 85.7751**.

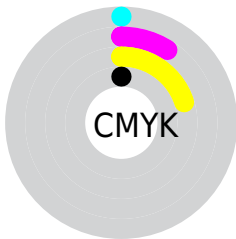
Distribution



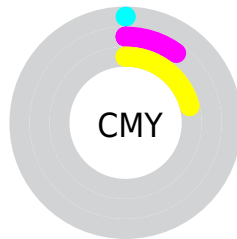
- Red (100%)
- Green (90%)
- Blue (79%)



- Red (97%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8305, 81.9287, 67.4834 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 79.8305, 81.9287, 67.4834 by changing the saturation by 10% instead.

 79.8305, 81.9287,
67.4834

 79.8305, 81.9287,
67.4834


483.1067,
501.4092, 470.2118

 59.8869, 61.3068,
49.0135


132.0792,
136.0740, 117.2600

 43.5766, 44.4728,
34.2645


165.1149,
170.3662, 149.4038

 30.5342, 31.0424,
22.8179


203.2454,
209.9839, 186.9427

 20.3945, 20.6311,
14.2551

246.8360,
255.3115, 230.2952

 12.7921, 12.8546,
8.1575

296.2521,
306.7334, 279.8797

 7.3615, 7.3285,
4.1067

351.8590,

 3.7375, 3.6684,

364.6341, 336.1150

1.6840

414.0221,
429.3979, 399.4195

■ 1.5548, 1.4898,
0.3498

■ 0.3626, 0.2816,
0.0000

■ 79.8305, 81.9287,
67.4834

■ 79.8305, 81.9287,
67.4834

■ 73.9150, 74.5205,
51.8753

■ 86.4648, 89.9810,
85.7751

■ 68.6831, 67.7270,
38.8167

■ 93.8380, 98.6836,
106.8652

■ 64.1066, 61.5327,
28.1698

■ 94.6833, 99.8109,
108.8828

■ 60.1520, 55.9169,
19.7814

■ 56.7825, 50.8573,
13.4806

■ 53.9563, 46.3295,
9.0714

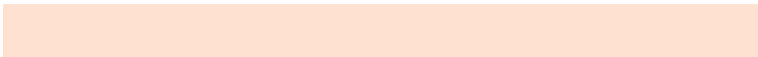
■ 51.6242, 42.3056,
6.3201

■ 49.7897, 38.9039,
4.8850

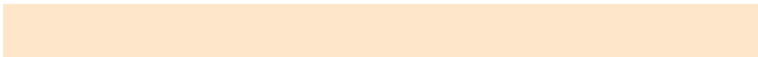
Harmonies

Analogous

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



83.8511, 81.9287, 72.5604



79.8305, 81.9287, 67.4834



75.4296, 81.9287, 67.8176

Triad

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



79.8305, 81.9287, 67.4834



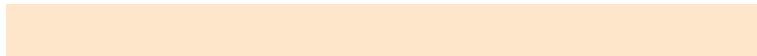
69.9923, 81.9287, 96.4603



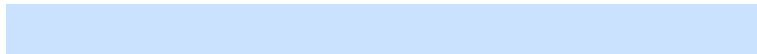
84.2544, 81.9287, 106.9775

Complementary

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



79.8305, 81.9287, 67.4834



69.4424, 74.1032, 104.4097

Split Complementary

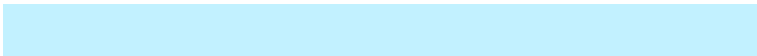
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3641, 81.9287, 114.6770



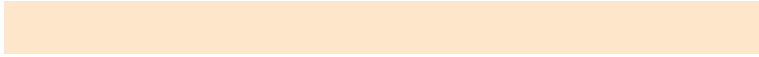
79.8305, 81.9287, 67.4834



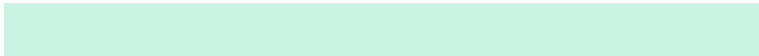
72.1818, 81.9287, 108.2214

Square

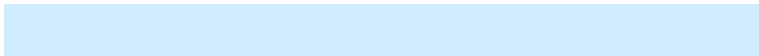
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8305, 81.9287, 67.4834



69.8617, 81.9287, 83.7553



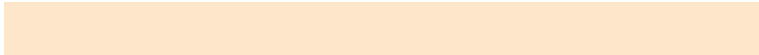
75.9434, 81.9287, 115.1527



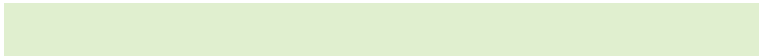
86.4697, 81.9287, 94.8891

Rectangle

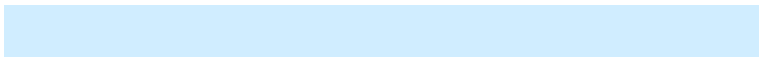
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8305, 81.9287, 67.4834



72.8724, 81.9287, 71.0547



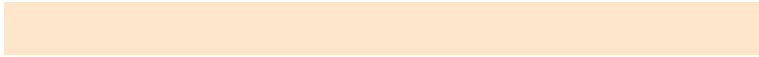
75.9434, 81.9287, 115.1527



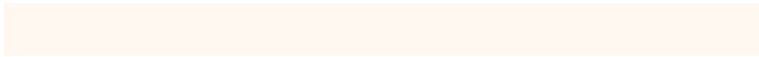
83.0927, 81.9287, 110.2128

Sweetspot

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



79.8327, 81.9324, 67.4851



90.4726, 94.6313, 95.7019



75.7585, 68.8185, 81.4348



19.2618, 20.1330, 20.1901



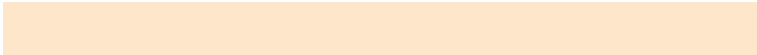
0.0000, 0.0000, 0.0000



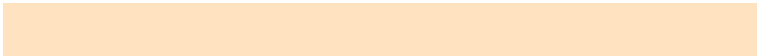
20.3446, 21.4041, 23.3091

Same Dimension

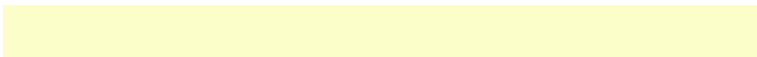
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8327, 81.9324, 67.4851



77.7547, 79.1989, 60.6234



86.3446, 95.8937, 69.8367



18.8198, 19.6077, 18.9371



26.3990, 20.8092, 2.6252



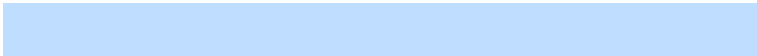
2.6797, 2.2448, 0.2921

Inverse Universe

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



69.4424, 74.1032, 104.4097



65.3674, 69.8659, 104.6480



63.8397, 62.1977, 102.4070



17.6937, 18.7591, 22.9383



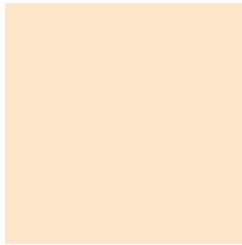
12.9418, 10.7932, 50.8358



1.3680, 1.2666, 4.9857

Previews

White Background



This preview shows how the XYZ color 79.8305, 81.9287, 67.4834 looks on a white background.

Color Contrast Check

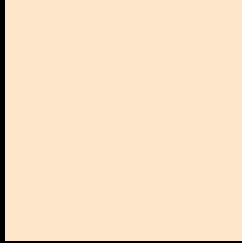
Large Text (above 18pt) WCAG AA × Fail

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 79.8305, 81.9287, 67.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

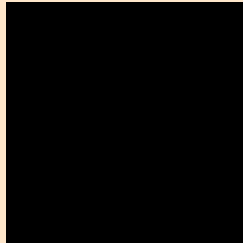
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8305, 81.9287, 67.4834

Background



This preview shows how black text looks on a background with the XYZ color 79.8305, 81.9287, 67.4834.



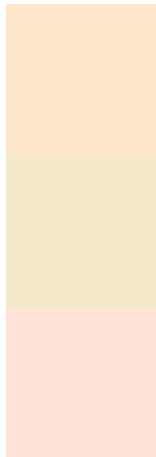
This preview shows how white text looks on a background with the XYZ color 79.8305, 81.9287,

67.4834.

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

79.8305, 81.9287, 67.4834

Protanopia

77.6942, 82.0499, 68.8690

Deuteranopia

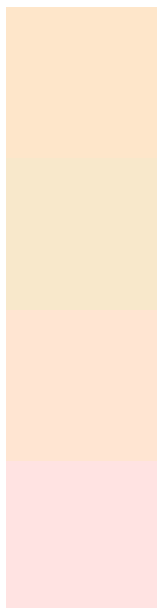
81.2491, 81.6531, 75.7683



Tritanopia

84.1645, 81.9440, 93.8189

Trichromacy



Original Color

79.8305, 81.9287, 67.4834

Protanomaly

78.3475, 81.9815, 68.1946

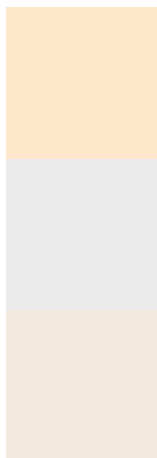
Deuteranomaly

80.8922, 81.9518, 72.5276

Tritanomaly

82.4366, 81.6892, 83.3742

Monochromacy



Original Color

79.8305, 81.9287, 67.4834

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5994, 82.2525, 80.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8305, 81.9287, 67.4834 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 202) }
```

Border

The CSS property to change the border of an element to XYZ 79.8305, 81.9287, 67.4834 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, 202) }
```


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

```
.border{ border-color:rgb(254, 230, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8305, 81.9287, 67.4834 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, 202) }
```

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

```
.background{ background-color: rgb(254,  
230, 202) }
```

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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