

Converting Colors

XYZ(79.9460, 81.9324, 69.9950)

Have a look what the booklet for
XYZ(79.9460, 81.9324, 69.9950)
contains.

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Color

**XYZ(79.9454, 81.9325,
69.9935)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE6CE
RGB	253, 230, 206
RGB Percent	99%, 90%, 81%
CMY	0.0078, 0.0980, 0.1921
CMYK	0.00, 0.09, 0.19, 0.01
HSL	31°, 92%, 90%
HSV	31°, 19%, 99%
XYZ	79.9454, 81.9325, 69.9935
YIQ	234.1410, 21.4120, -2.5880

Conversions

Conversions Part 2

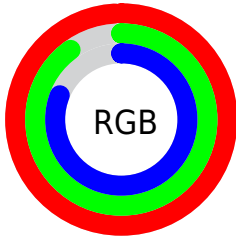
Format	Color
RYB	251, 253, 206
Decimal	16639694
CIELab	92.55, 4.11, 14.54
CIElCh	93, 15.108, 74.209
Yxy	81.9325, 0.3448, 0.3534
Android (android.graphics.Color)	4294829774 (0xFFFDE6CE)
YUV	234.1410, -13.8735, 16.5393
Hunter-Lab	90.5166, -0.7505, 17.5146

Details

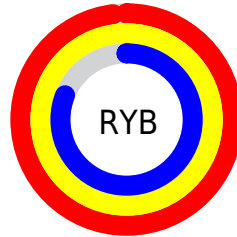
The XYZ color **79.9454, 81.9325, 69.9935** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.2021, 76.2505, 103.8942**, and the grayscale version is **78.4058, 82.4890, 89.8305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7624, 44.6627, 36.0200** is the 20% darker color. If you saturate the color by 10%, you get **73.7932, 74.1568, 53.9801**, and if you desaturate by 10%, it is **86.8414, 90.4027, 88.6975**.

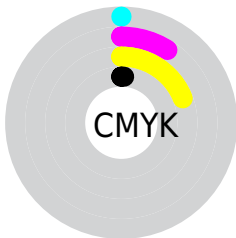
Distribution



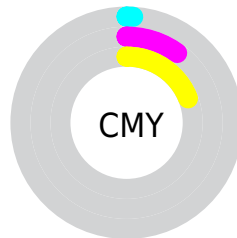
- Red (99%)
- Green (90%)
- Blue (81%)



- Red (98%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.9454, 81.9325, 69.9935 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 79.9454, 81.9325, 69.9935 by changing the saturation by 10% instead.


 79.9454, 81.9325,
69.9935

 79.9454, 81.9325,
69.9935


483.4881,
501.4219, 479.3157

 59.9817, 61.3099,
51.0445


132.2399,
136.0793, 120.8805

 43.6533, 44.4753,
35.8670


165.3014,
170.3724, 153.6556

 30.5948, 31.0444,
24.0426


203.4596,
209.9910, 191.8764

 20.4408, 20.6326,
15.1528

247.0799,
255.3196, 235.9615

 12.8260, 12.8557,
8.7789

296.5275,
306.7426, 286.3294

 7.3850, 7.3293,
4.5024

352.1678,

 3.7525, 3.6689,

364.6444, 343.3988

1.9048

414.3663,
429.4094, 407.5880

■ 1.5631, 1.4901,
0.4958

■ 0.3682, 0.2818,
0.0000

■ 79.9454, 81.9325,
69.9935

■ 79.9454, 81.9325,
69.9935

■ 73.7932, 74.1568,
53.9801

■ 86.8414, 90.4027,
88.6975

■ 68.3496, 67.0451,
40.5261

94.2426, 99.4714,
108.8405

■ 63.5859, 60.5804,
29.4967

94.3183, 99.6228,
108.8658

■ 59.4689, 54.7407,
20.7428

■ 55.9618, 49.5024,
14.0986

■ 53.0232, 44.8398,
9.3752

■ 50.6052, 40.7238,
6.3493

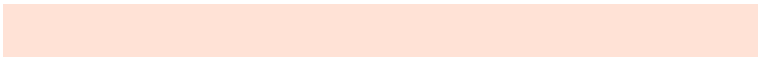
■ 48.6417, 37.1180,
4.7042

■ 48.3873, 36.6409,
4.5221

Harmonies

Analogous

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



83.4081, 81.9325, 74.9775



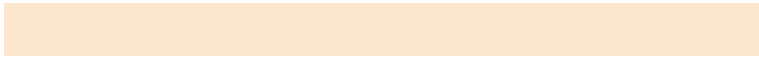
79.9454, 81.9325, 69.9935



76.0372, 81.9325, 69.8623

Triad

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



79.9454, 81.9325, 69.9935



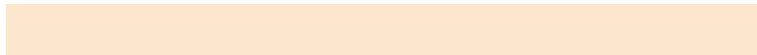
70.7877, 81.9325, 94.6198



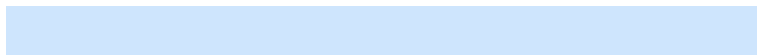
83.2540, 81.9325, 105.6109

Complementary

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



79.9454, 81.9325, 69.9935



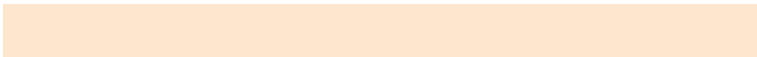
71.2021, 76.2505, 103.8942

Split Complementary

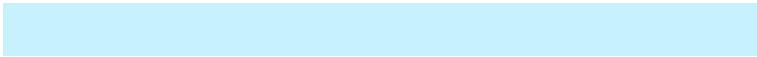
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7409, 81.9325, 111.8371



79.9454, 81.9325, 69.9935



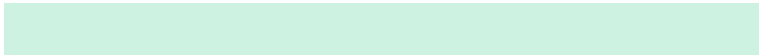
72.5910, 81.9325, 105.1397

Square

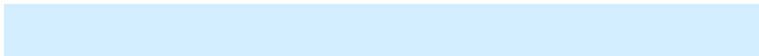
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9454, 81.9325, 69.9935



70.8383, 81.9325, 83.4594



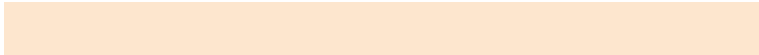
75.8394, 81.9325, 111.6577



85.3617, 81.9325, 95.2201

Rectangle

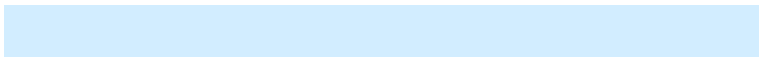
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9454, 81.9325, 69.9935



73.7095, 81.9325, 72.5093



75.8394, 81.9325, 111.6577



82.1933, 81.9325, 108.2976

Sweetspot

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



79.9476, 81.9362, 69.9952



90.3419, 94.3700, 95.6583



76.7930, 70.7114, 84.0975



19.2309, 20.0713, 20.1798



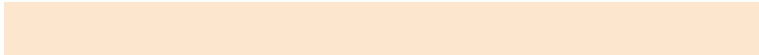
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.9476, 81.9362, 69.9952



79.1577, 80.6199, 65.3611



86.7746, 95.5901, 72.2709



18.7765, 19.5211, 18.9227



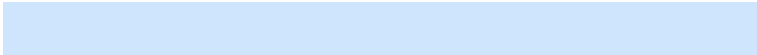
25.8866, 19.7844, 2.4544



2.6299, 2.1451, 0.2754

Inverse Universe

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



71.2021, 76.2505, 103.8942



68.8675, 73.9302, 105.2480



65.2556, 64.3574, 101.9120



17.7368, 18.8451, 22.9526



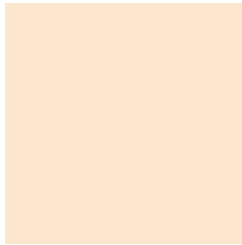
13.3961, 11.7018, 50.9872



1.4133, 1.3573, 5.0008

Previews

White Background



This preview shows how the XYZ color 79.9454, 81.9325, 69.9935 looks on a white background.

Color Contrast Check

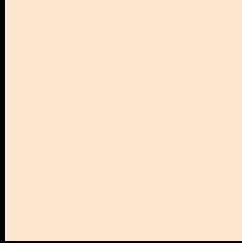
Large Text (above 18pt) WCAG AA × Fail

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 79.9454, 81.9325, 69.9935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

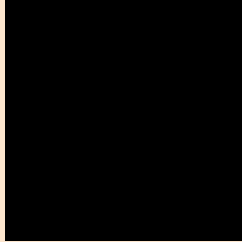
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9454, 81.9325, 69.9935

Background



This preview shows how black text looks on a background with the XYZ color 79.9454, 81.9325, 69.9935.

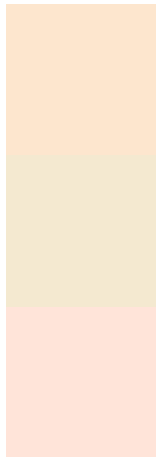


This preview shows how white text looks on a background with the XYZ color 79.9454, 81.9325,

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

79.9454, 81.9325, 69.9935

Protanopia

77.8323, 82.0650, 71.4124

Deuteranopia

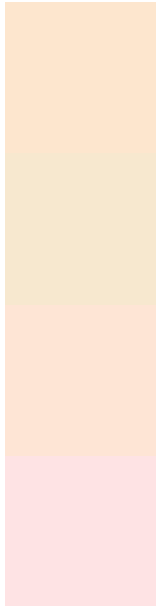
81.5078, 81.7566, 77.1303



Tritanopia

84.3135, 82.0036, 94.6036

Trichromacy



Original Color

79.9454, 81.9325, 69.9935

Protanomaly

78.4769, 81.9924, 70.7214

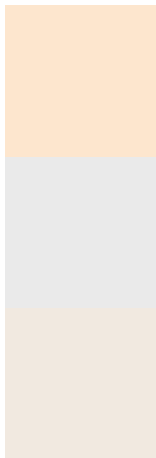
Deuteranomaly

80.9026, 81.9135, 74.4977

Tritanomaly

82.3457, 81.6104, 84.8111

Monochromacy



Original Color

79.9454, 81.9325, 69.9935

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8691, 82.3604, 82.2613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9454, 81.9325, 69.9935 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(253, 230, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 206)  
}
```

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(253, 230, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.9454, 81.9325, 69.9935 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(253, 230, 206) }
```


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

```
.border{ border-color:rgb(253, 230, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9454, 81.9325, 69.9935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 206) }
```

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

```
.background{ background-color: rgb(253,  
230, 206) }
```

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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