

Converting Colors

XYZ(109.9186, 96.9541,
71.6059)

Have a look what the booklet for
XYZ(109.9186, 96.9541, 71.6059)
contains.

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Color

**XYZ(80.3999, 81.7549,
69.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5CE
RGB	255, 229, 206
RGB Percent	100%, 90%, 81%
CMY	0.0000, 0.1019, 0.1921
CMYK	0.00, 0.10, 0.19, 0.00
HSL	28°, 100%, 90%
HSV	28°, 19%, 100%
XYZ	80.3999, 81.7549, 69.9353
YIQ	234.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

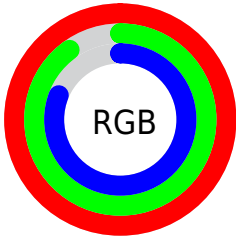
Format	Color
R _Y B	255, 249, 206
Decimal	16770510
CIE Lab	92.47, 5.34, 14.45
CIE LCh	92, 15.406, 69.711
Yxy	81.7549, 0.3464, 0.3523
Android (android.graphics.Color)	4294960590 (0xFFFFE5CE)
YUV	234.1520, -13.8789, 18.2837
Hunter-Lab	90.4184, 0.4897, 17.4343

Details

The XYZ color **80.3999, 81.7549, 69.9353** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3594, 78.0528, 105.8597**, and the grayscale version is **78.4133, 82.4969, 89.8391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0923, 44.5449, 35.9799** is the 20% darker color. If you saturate the color by 10%, you get **73.9519, 73.4207, 53.7225**, and if you desaturate by 10%, it is **87.6462, 90.8806, 88.8957**.

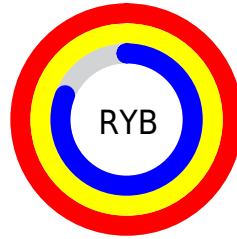
Distribution



Red (100%)

Green (90%)

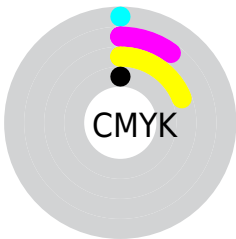
Blue (81%)



Red (100%)

Yellow (98%)

Blue (81%)

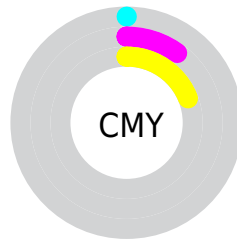


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3999, 81.7549, 69.9353 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 80.3999, 81.7549, 69.9353 by changing the saturation by 10% instead.


 80.3999, 81.7549,
69.9353

 80.3999, 81.7549,
69.9353


484.9955,
500.8275, 479.1058

 60.3571, 61.1635,
50.9973


132.8754,
135.8302, 120.7967

 43.9571, 44.3572,
35.8298


166.0388,
170.0830, 153.5573

 30.8345, 30.9514,
24.0141

204.3064,
209.6583, 191.7624

 20.6241, 20.5618,
15.1318

248.0436,
254.9406, 235.8306

 12.9604, 12.8041,
8.7643

297.6158,
306.3143, 286.1806

 7.4781, 7.2938,
4.4930

353.3883,

 3.8118, 3.6465,

364.1637, 343.2307

1.8995

415.7264,
428.8733, 407.3996

■ 1.5962, 1.4779,
0.4924

■ 0.3900, 0.2731,
0.0000

■ 80.3999, 81.7549,
69.9353

■ 80.3999, 81.7549,
69.9353

■ 73.9519, 73.4207,
53.7225

■ 87.6462, 90.8806,
88.8957

■ 68.2655, 65.8446,
40.1224

95.0500, 100.0000,
108.9000

■ 63.3096, 59.0058,
28.9967

■ 59.0483, 52.8786,
20.1916

■ 55.4424, 47.4356,
13.5363

■ 52.4474, 42.6465,
8.8357

■ 50.0119, 38.4780,
5.8587

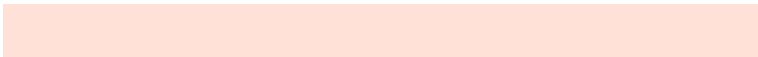
■ 48.0621, 34.8867,
4.2581

■ 47.9231, 34.6261,
4.1577

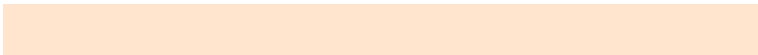
Harmonies

Analogous

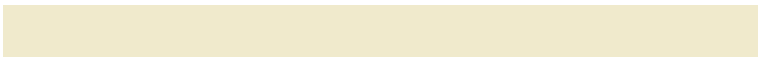
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7662, 81.7549, 75.6878



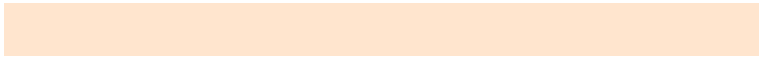
80.3999, 81.7549, 69.9353



76.4170, 81.7549, 69.0453

Triad

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



80.3999, 81.7549, 69.9353



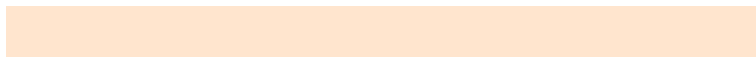
70.3770, 81.7549, 92.7799



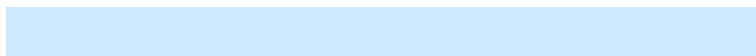
82.7177, 81.7549, 107.0369

Complementary

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



80.3999, 81.7549, 69.9353



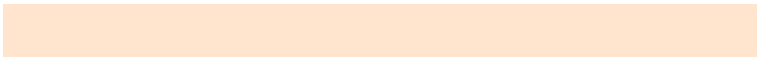
72.3594, 78.0528, 105.8597

Split Complementary

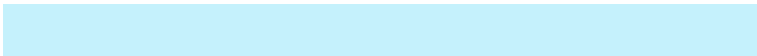
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0085, 81.7549, 112.5109



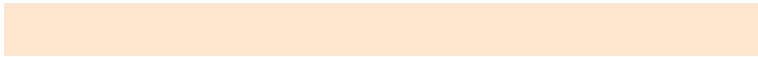
80.3999, 81.7549, 69.9353



71.9446, 81.7549, 103.8263

Square

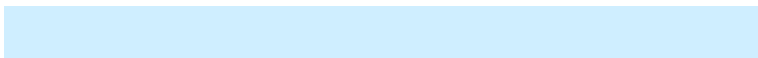
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3999, 81.7549, 69.9353



70.7207, 81.7549, 81.6042



75.0721, 81.7549, 111.2881



85.1358, 81.7549, 96.8660

Rectangle

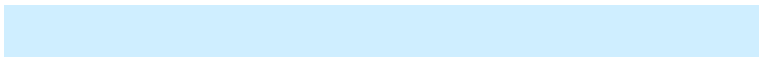
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3999, 81.7549, 69.9353



73.9601, 81.7549, 71.2437



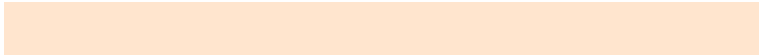
75.0721, 81.7549, 111.2881



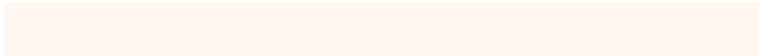
81.5754, 81.7549, 109.5252

Sweetspot

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



80.4019, 81.7585, 69.9370



90.1487, 93.9836, 95.5939



77.8963, 71.2373, 86.0885



19.1852, 19.9800, 20.1646



0.0000, 0.0000, 0.0000



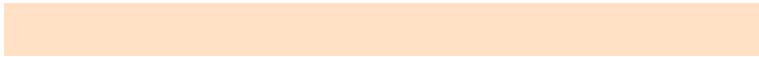
20.3446, 21.4041, 23.3091

Same Dimension

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



80.4019, 81.7585, 69.9370



77.8687, 78.5115, 63.4838



87.6220, 96.1987, 72.3437



18.7125, 19.3933, 18.9013



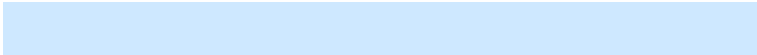
25.1874, 18.3860, 2.2213



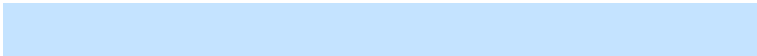
2.5606, 2.0067, 0.2524

Inverse Universe

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



72.3594, 78.0528, 105.8597



68.5023, 74.1951, 105.3184



65.9711, 65.2761, 103.7302



17.8008, 18.9733, 22.9740



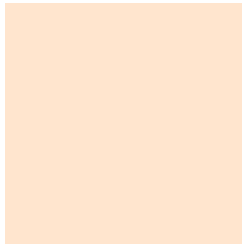
14.1298, 13.1693, 51.2318



1.4852, 1.5011, 5.0247

Previews

White Background



This preview shows how the XYZ color 80.3999, 81.7549, 69.9353 looks on a white background.

Color Contrast Check

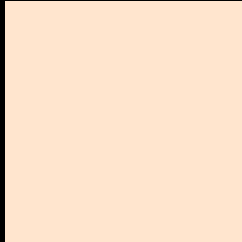
Large Text (above 18pt) WCAG AA × Fail

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 80.3999, 81.7549, 69.9353 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 80.3999, 81.7549, 69.9353

Background



This preview shows how black text looks on a background with the XYZ color 80.3999, 81.7549, 69.9353.



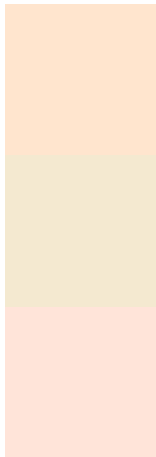
This preview shows how white text looks on a background with the XYZ color 80.3999, 81.7549,

69.9353.

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

80.3999, 81.7549, 69.9353

Protanopia

77.8323, 82.0650, 71.4124

Deuteranopia

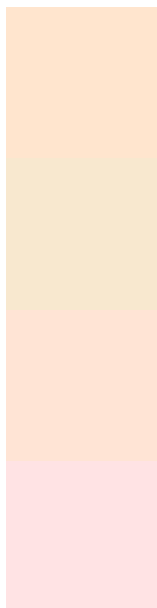
81.5078, 81.7566, 77.1303



Tritanopia

84.1645, 81.9440, 93.8189

Trichromacy



Original Color

80.3999, 81.7549, 69.9353

Protanomaly

78.8305, 82.1747, 70.7380

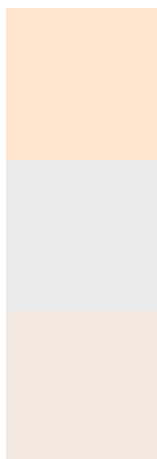
Deuteranomaly

80.9936, 81.5509, 74.4229

Tritanomaly

82.7127, 81.7996, 84.8283

Monochromacy



Original Color

80.3999, 81.7549, 69.9353

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9291, 81.9723, 82.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3999, 81.7549, 69.9353 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, 229, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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(255, 229, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 206) }
```

Border

The CSS property to change the border of an element to XYZ 80.3999, 81.7549, 69.9353 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, 229, 206) }
```


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

```
.border{ border-color:rgb(255, 229, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3999, 81.7549, 69.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 206) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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