

Converting Colors

XYZ(79.4767, 81.2819, 65.3961)

Have a look what the booklet for
XYZ(79.4767, 81.2819, 65.3961)
contains.

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Color

**XYZ(79.5681, 81.4221,
65.5552)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C7
RGB	255, 229, 199
RGB Percent	100%, 90%, 78%
CMY	0.0000, 0.1019, 0.2196
CMYK	0.00, 0.10, 0.22, 0.00
HSL	32°, 100%, 89%
HSV	32°, 22%, 100%
XYZ	79.5681, 81.4221, 65.5552
YIQ	233.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

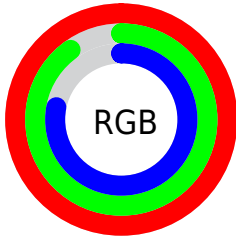
Format	Color
R_{YB}	248, 255, 199
Decimal	16770503
CIE _{Lab}	92.32, 4.34, 17.88
CIE _{LCh}	92, 18.396, 76.351
Yxy	81.4221, 0.3512, 0.3594
Android (android.graphics.Color)	4294960583 (0xFFFFE5C7)
YUV	233.3540, -16.9365, 18.9835
Hunter-Lab	90.2342, -0.5094, 20.0897

Details

The XYZ color **79.5681, 81.4221, 65.5552** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.5277, 73.2104, 105.1270**, and the grayscale version is **77.8309, 81.8841, 89.1718**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5356, 44.3222, 33.0485** is the 20% darker color. If you saturate the color by 10%, you get **73.6880, 74.0097, 50.1918**, and if you desaturate by 10%, it is **86.1716, 89.4868, 83.6093**.

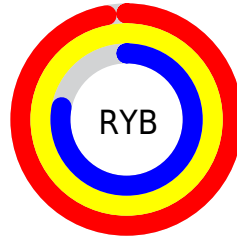
Distribution



Red (100%)

Green (90%)

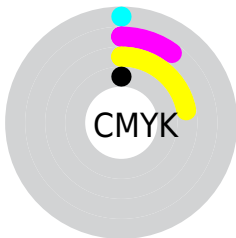
Blue (78%)



Red (97%)

Yellow (100%)

Blue (78%)

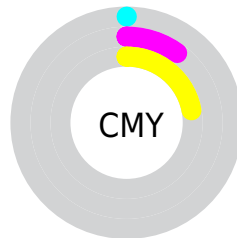


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5681, 81.4221, 65.5552 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 79.5681, 81.4221, 65.5552 by changing the saturation by 10% instead.

 79.5681, 81.4221,
65.5552

 79.5681, 81.4221,
65.5552


482.2348,
499.7126, 463.1452

 59.6703, 60.8893,
47.4572


131.7120,
135.3633, 114.4686

 43.4013, 44.1358,
33.0403


164.6889,
169.5405, 146.1211

 30.3960, 30.7773,
21.8860


202.7560,
209.0346, 183.1288

 20.2889, 20.4293,
13.5756

246.2789,
254.2300, 225.9103

 12.7147, 12.7075,
7.6907

295.6229,
305.5111, 274.8842

 7.3080, 7.2274,
3.8128

351.1533,

 3.7035, 3.6048,

363.2623, 330.4689

1.5232

413.2355,
427.8680, 393.0831

■ 1.5358, 1.4550,
0.2351

■ 0.3500, 0.2567,
0.0000

■ 79.5681, 81.4221,
65.5552

■ 79.5681, 81.4221,
65.5552

■ 73.6880, 74.0097,
50.1918

■ 86.1716, 89.4868,
83.6093

■ 68.4964, 67.2201,
37.3824

■ 93.5199, 98.2109,
104.4716

■ 63.9638, 61.0371,
26.9859

■ 95.0500, 100.0000,
108.9000

■ 60.0559, 55.4394,
18.8453

■ 56.7349, 50.4041,
12.7848

■ 53.9575, 45.9059,
8.6018

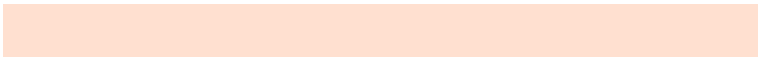
■ 51.6725, 41.9158,
6.0526

■ 50.1334, 39.0467,
4.8945

Harmonies

Analogous

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



83.8768, 81.4221, 71.0171



79.5681, 81.4221, 65.5552



74.8425, 81.4221, 65.8169

Triad

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



79.5681, 81.4221, 65.5552



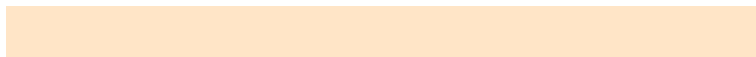
68.9391, 81.4221, 96.2366



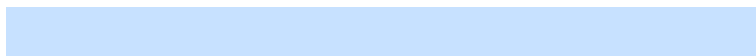
84.1990, 81.4221, 107.9957

Complementary

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



79.5681, 81.4221, 65.5552



68.5277, 73.2104, 105.1270

Split Complementary

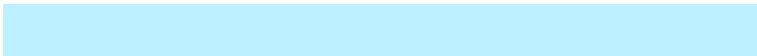
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9932, 81.4221, 116.2451



79.5681, 81.4221, 65.5552



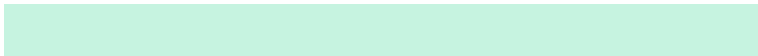
71.2452, 81.4221, 108.9949

Square

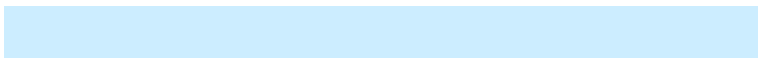
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5681, 81.4221, 65.5552



68.8358, 81.4221, 82.6151



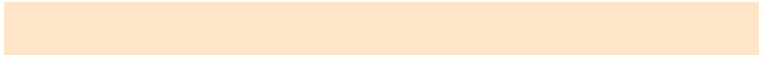
75.2506, 81.4221, 116.6284



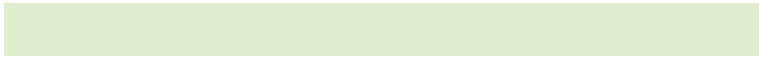
86.6235, 81.4221, 94.9820

Rectangle

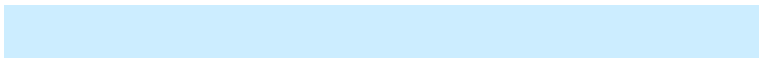
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5681, 81.4221, 65.5552



72.0927, 81.4221, 69.1840



75.2506, 81.4221, 116.6284



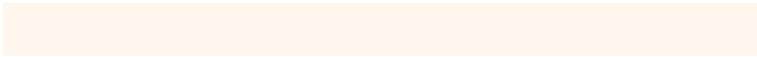
82.9390, 81.4221, 111.4737

Sweetspot

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



79.5700, 81.4257, 65.5569



89.7214, 93.7301, 93.5986



75.2728, 67.5513, 80.4017



19.1095, 19.9497, 19.7657



0.0000, 0.0000, 0.0000



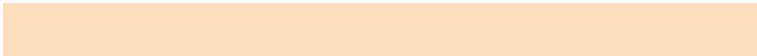
20.3446, 21.4041, 23.3091

Same Dimension

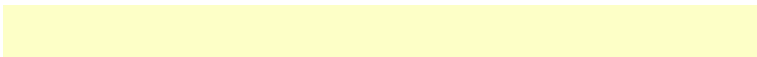
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5700, 81.4257, 65.5569



77.1087, 78.3530, 59.0331



86.6256, 96.5513, 68.1046



18.8155, 19.5991, 18.9357



26.3468, 20.7049, 2.6078



2.6747, 2.2347, 0.2904

Inverse Universe

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



68.5277, 73.2104, 105.1270



64.4178, 68.9122, 104.5139



62.5259, 60.4670, 102.9836



17.6980, 18.7676, 22.9397



12.9853, 10.8802, 50.8503



1.3723, 1.2754, 4.9871

Previews

White Background



This preview shows how the XYZ color 79.5681, 81.4221, 65.5552 looks on a white background.

Color Contrast Check

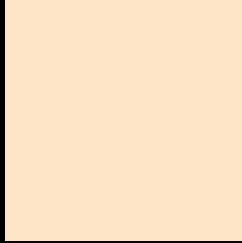
Large Text (above 18pt) WCAG AA × Fail

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 79.5681, 81.4221, 65.5552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

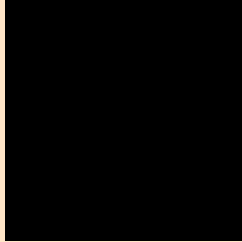
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5681, 81.4221, 65.5552

Background



This preview shows how black text looks on a background with the XYZ color 79.5681, 81.4221, 65.5552.



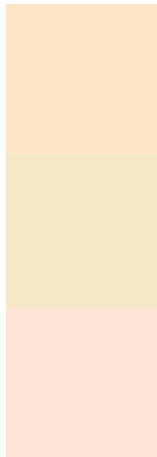
This preview shows how white text looks on a background with the XYZ color 79.5681, 81.4221,

65.5552.

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

79.5681, 81.4221, 65.5552

Protanopia

77.0554, 81.3427, 66.8978

Deuteranopia

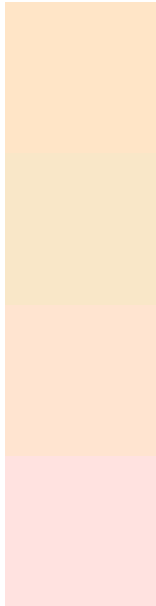
80.9936, 81.5509, 74.4229



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

79.5681, 81.4221, 65.5552

Protanomaly

78.0682, 81.4617, 66.2526

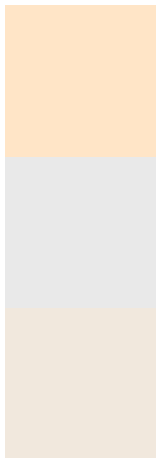
Deuteranomaly

80.3686, 81.3009, 71.1313

Tritanomaly

81.8909, 81.0345, 81.8461

Monochromacy



Original Color

79.5681, 81.4221, 65.5552

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1834, 81.6345, 80.0429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5681, 81.4221, 65.5552 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, 199)` looks like.

```
.text, #text, p{  
  color:rgb(255, 229, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 199) }
```

Border

The CSS property to change the border of an element to XYZ 79.5681, 81.4221, 65.5552 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, 199) }
```


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

```
.border{ border-color:rgb(255, 229, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 199); box-shadow:4px 4px 4px 4px rgb(255, 229, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5681, 81.4221, 65.5552 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
229, 199) }
```

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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