

Converting Colors

XYZ(79.6511, 81.4247, 68.8809)

Have a look what the booklet for
XYZ(79.6511, 81.4247, 68.8809)
contains.

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Color

**XYZ(79.4264, 81.2809,
68.6293)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE5CC
RGB	253, 229, 204
RGB Percent	99%, 90%, 80%
CMY	0.0078, 0.1019, 0.2000
CMYK	0.00, 0.09, 0.19, 0.01
HSL	31°, 92%, 90%
HSV	31°, 19%, 99%
XYZ	79.4264, 81.2809, 68.6293
YIQ	233.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

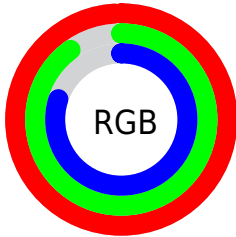
Format	Color
R _Y B	251, 253, 204
Decimal	16639436
CIE _{Lab}	92.26, 4.33, 15.17
CIE _{LCh}	92, 15.776, 74.064
Y _{xy}	81.2809, 0.3463, 0.3544
Android (android.graphics.Color)	4294829516 (0xFFFDE5CC)
YUV	233.3260, -14.4577, 17.2541
Hunter-Lab	90.1559, -0.5163, 17.9759

Details

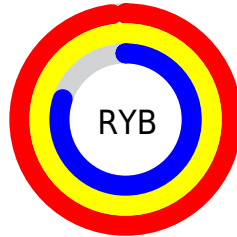
The XYZ color **79.4264, 81.2809, 68.6293** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.3744, 75.4142, 103.7763**, and the grayscale version is **77.7933, 81.8446, 89.1288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4060, 44.2099, 35.0998** is the 20% darker color. If you saturate the color by 10%, you get **73.3290, 73.5538, 52.8223**, and if you desaturate by 10%, it is **86.2658, 89.7018, 87.1174**.

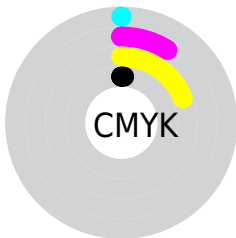
Distribution



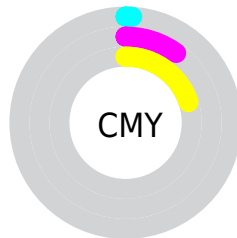
- Red (99%)
- Green (90%)
- Blue (80%)



- Red (98%)
- Yellow (99%)
- Blue (80%)



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





- Cyan (1%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4264, 81.2809, 68.6293 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 79.4264, 81.2809, 68.6293 by changing the saturation by 10% instead.


 79.4264, 81.2809,
68.6293

 79.4264, 81.2809,
68.6293


481.7637,
499.2391, 474.3809

 59.5533, 60.7730,
49.9400


131.5137,
135.1651, 118.9147

 43.3068, 44.0420,
34.9949


164.4587,
169.3102, 151.3478

 30.3214, 30.7035,
23.3754


202.4916,
208.7698, 189.1993

 20.2320, 20.3732,
14.6630

245.9779,
253.9283, 232.8877

 12.6730, 12.6666,
8.4393

295.2829,
305.1701, 282.8315

 7.2792, 7.1994,
4.2855

350.7720,

 3.6852, 3.5871,

362.8795, 339.4493

1.7832

412.8104,
427.4411, 403.1596

■ 1.5256, 1.4454,
0.4169

■ 0.3432, 0.2498,
0.0000

■ 79.4264, 81.2809,
68.6293

■ 79.4264, 81.2809,
68.6293

■ 73.3290, 73.5538,
52.8223

■ 86.2658, 89.7018,
87.1174

■ 67.9383, 66.4900,
39.5643

■ 93.8678, 98.8242,
108.3997

■ 63.2254, 60.0723,
28.7199

■ 94.3182, 99.6228,
108.8658

■ 59.1567, 54.2786,
20.1387

■ 55.6953, 49.0851,
13.6533

■ 52.7992, 44.4657,
9.0726

■ 50.4198, 40.3913,
6.1698

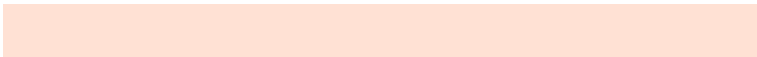
■ 48.4853, 36.8228,
4.5980

■ 48.3727, 36.6117,
4.5172

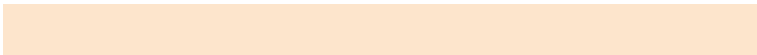
Harmonies

Analogous

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



83.0232, 81.2809, 73.7940



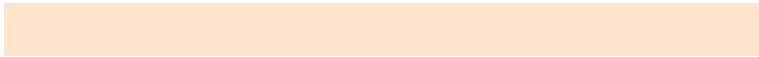
79.4264, 81.2809, 68.6293



75.3665, 81.2809, 68.4693

Triad

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



79.4264, 81.2809, 68.6293



69.9010, 81.2809, 94.0671



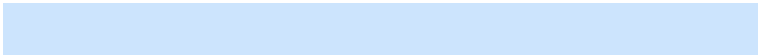
82.8335, 81.2809, 105.6249

Complementary

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



79.4264, 81.2809, 68.6293



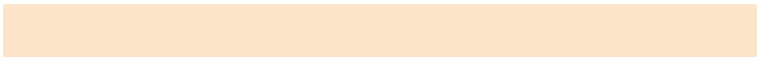
70.3744, 75.4142, 103.7763

Split Complementary

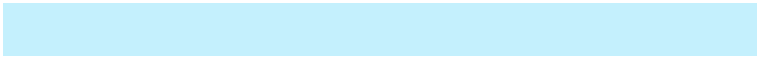
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1749, 81.2809, 112.1022



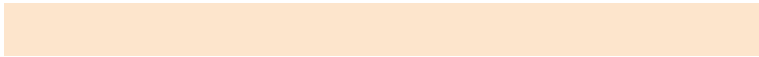
79.4264, 81.2809, 68.6293



71.7604, 81.2809, 105.0429

Square

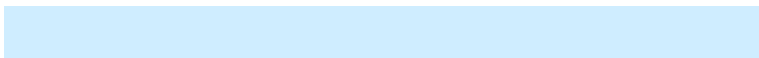
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4264, 81.2809, 68.6293



69.9629, 81.2809, 82.4818



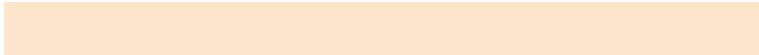
75.1237, 81.2809, 111.8802



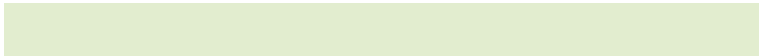
85.0370, 81.2809, 94.8064

Rectangle

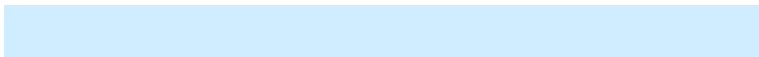
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4264, 81.2809, 68.6293



72.9488, 81.2809, 71.1825



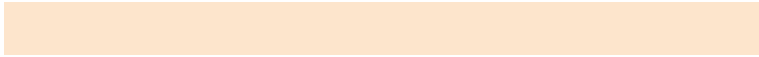
75.1237, 81.2809, 111.8802



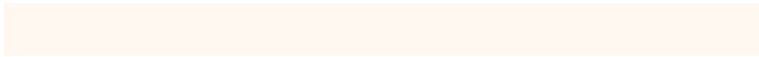
81.7275, 81.2809, 108.4229

Sweetspot

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



79.4286, 81.2845, 68.6310



90.3399, 94.3659, 95.6576



76.1748, 69.6987, 83.2025



19.2304, 20.0703, 20.1796



0.0000, 0.0000, 0.0000



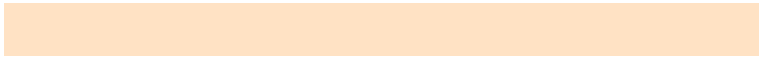
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4286, 81.2845, 68.6310



78.5161, 79.8063, 63.6996



86.5330, 95.4935, 70.9992



18.7758, 19.5197, 18.9224



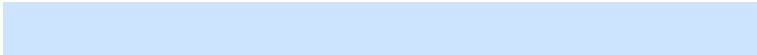
25.8788, 19.7688, 2.4518



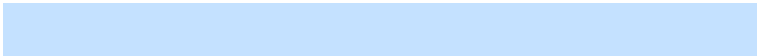
2.6291, 2.1435, 0.2752

Inverse Universe

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



70.3744, 75.4142, 103.7763



67.8504, 72.8913, 105.1011



64.2253, 63.1161, 101.7266



17.7374, 18.8465, 22.9528



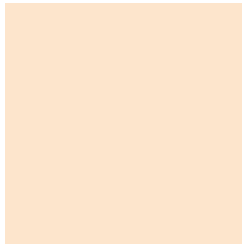
13.4035, 11.7166, 50.9897



1.4140, 1.3587, 5.0010

Previews

White Background



This preview shows how the XYZ color 79.4264, 81.2809, 68.6293 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 79.4264, 81.2809, 68.6293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

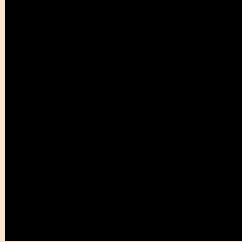
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

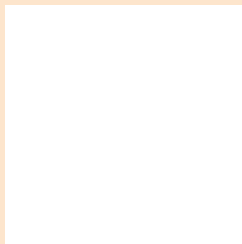
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4264, 81.2809, 68.6293

Background



This preview shows how black text looks on a background with the XYZ color 79.4264, 81.2809, 68.6293.

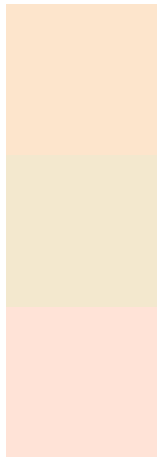


This preview shows how white text looks on a background with the XYZ color 79.4264, 81.2809,

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

79.4264, 81.2809, 68.6293

Protanopia

76.9593, 81.2241, 70.0142

Deuteranopia

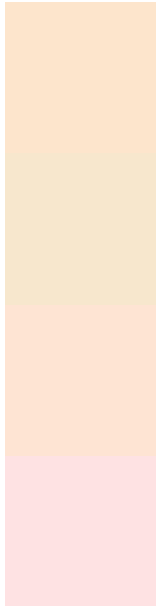
80.9748, 81.1045, 75.6769



Tritanopia

83.8934, 81.4017, 93.7285

Trichromacy



Original Color

79.4264, 81.2809, 68.6293

Protanomaly

77.9531, 81.3338, 69.3480

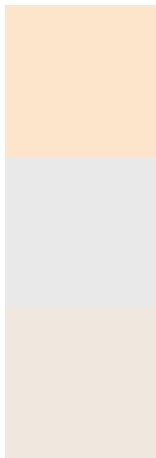
Deuteranomaly

80.3743, 81.2608, 73.0767

Tritanomaly

81.9345, 81.0096, 83.9910

Monochromacy



Original Color

79.4264, 81.2809, 68.6293

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9766, 81.5124, 80.7309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4264, 81.2809, 68.6293 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, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 229, 204)  
}
```

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, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 229, 204) }
```

Border

The CSS property to change the border of an element to XYZ 79.4264, 81.2809, 68.6293 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, 229, 204) }
```


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

```
.border{ border-color:rgb(253, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 229,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4264, 81.2809, 68.6293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 229, 204) }
```

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

```
.background{ background-color: rgb(253,  
229, 204) }
```

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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