

Converting Colors

XYZ(84.1451, 83.4844, 74.3546)

Have a look what the booklet for
XYZ(84.1451, 83.4844, 74.3546)
contains.

XYZ(81.2696, 82.1027, 74.5148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.2696, 82.1027,
74.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5D5
RGB	255, 229, 213
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.1019, 0.1647
CMYK	0.00, 0.10, 0.16, 0.00
HSL	23°, 100%, 92%
HSV	23°, 16%, 100%
XYZ	81.2696, 82.1027, 74.5148
YIQ	234.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

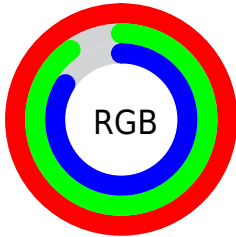
Format	Color
RYB	255, 239, 213
Decimal	16770517
CIELab	92.62, 6.38, 11.03
CIELCh	93, 12.740, 59.953
Yxy	82.1027, 0.3416, 0.3451
Android (android.graphics.Color)	4294960597 (0xFFFFE5D5)
YUV	234.9500, -10.8214, 17.5838
Hunter-Lab	90.6105, 1.5302, 14.6694

Details

The XYZ color **81.2696, 82.1027, 74.5148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3563, 83.0968, 106.6226**, and the grayscale version is **78.9980, 83.1120, 90.5090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5963, 44.7465, 38.6342** is the 20% darker color. If you saturate the color by 10%, you get **74.1140, 72.5704, 57.3970**, and if you desaturate by 10%, it is **89.3350, 92.6396, 94.4487**.

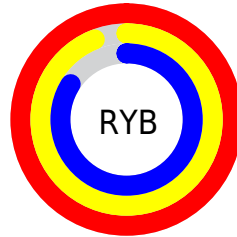
Distribution



Red (100%)

Green (90%)

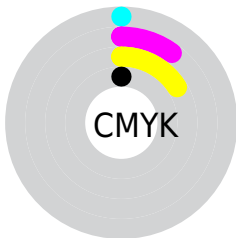
Blue (84%)



Red (100%)

Yellow (94%)

Blue (84%)

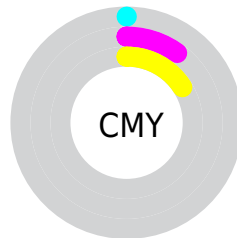


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2696, 82.1027, 74.5148 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 81.2696, 82.1027, 74.5148 by changing the saturation by 10% instead.


 81.2696, 82.1027,
74.5148

 81.2696, 82.1027,
74.5148


487.8729,
501.9912, 495.4591

 61.0757, 61.4502,
54.7162


134.0904,
136.3180, 127.3661

 44.5390, 44.5886,
38.7774


167.4481,
170.6496, 161.2558

 31.2942, 31.1335,
26.2801


205.9244,
210.3097, 200.6796

 20.9759, 20.7005,
16.8057

249.8847,
255.6826, 246.0560

 13.2188, 12.9053,
9.9356

299.6943,
307.1529, 297.8037

 7.6574, 7.3633,
5.2512

355.7187,

 3.9265, 3.6904,

365.1048, 356.3410

2.3341

418.3230,
429.9227, 422.0866

■ 1.6606, 1.5019,
0.7502

■ 0.4314, 0.2901,
0.0000

■ 81.2696, 82.1027,
74.5148

■ 81.2696, 82.1027,
74.5148

■ 74.1140, 72.5704,
57.3970

■ 89.3350, 92.6396,
94.4487

■ 67.8282, 64.0017,
42.9618

95.0500, 100.0000,
108.9000

■ 62.3777, 56.3679,
31.0724

■ 57.7229, 49.6349,
21.5776

■ 53.8209, 43.7662,
14.3103

■ 50.6237, 38.7223,
9.0812

■ 48.0768, 34.4599,
5.6691

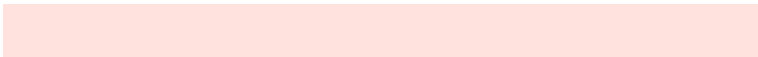
■ 46.1142, 30.9296,
3.7980

■ 45.5307, 29.8415,
3.3602

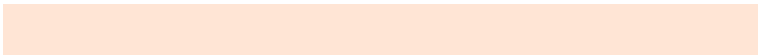
Harmonies

Analogous

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



83.6870, 82.1027, 80.5925



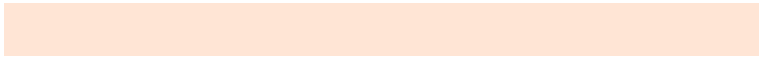
81.2696, 82.1027, 74.5148



78.0414, 82.1027, 72.3643

Triad

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



81.2696, 82.1027, 74.5148



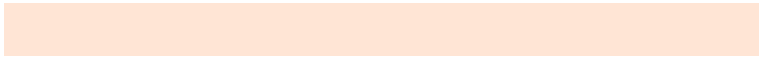
71.8374, 82.1027, 89.3809



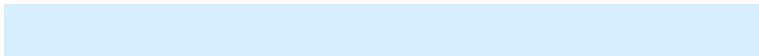
81.2603, 82.1027, 106.1538

Complementary

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



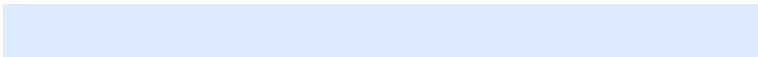
81.2696, 82.1027, 74.5148



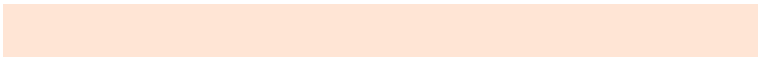
76.3563, 83.0968, 106.6226

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.



78.0309, 82.1027, 108.9098



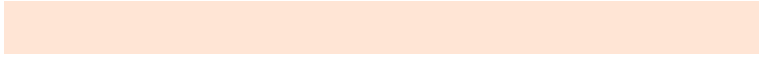
81.2696, 82.1027, 74.5148



72.6456, 82.1027, 98.8181

Square

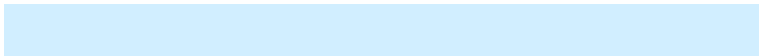
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2696, 82.1027, 74.5148



72.6506, 82.1027, 80.5682



74.8896, 82.1027, 106.1370



83.6815, 82.1027, 98.8459

Rectangle

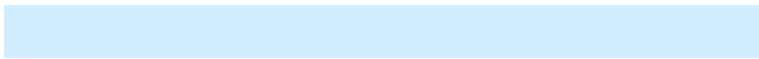
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2696, 82.1027, 74.5148



75.8824, 82.1027, 73.3197



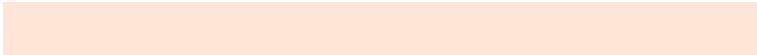
74.8896, 82.1027, 106.1370



80.2303, 82.1027, 107.6654

Sweetspot

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



81.2715, 82.1062, 74.5165



90.5986, 94.2739, 97.6230



80.7036, 75.1169, 92.3728



19.2620, 20.0107, 20.5688



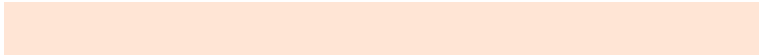
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



81.2715, 82.1062, 74.5165



78.6431, 78.6276, 68.1584



87.2500, 94.0632, 76.5094



18.5767, 19.1216, 18.8561



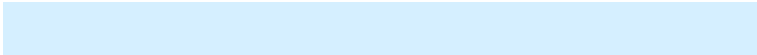
23.9235, 15.8582, 1.8000



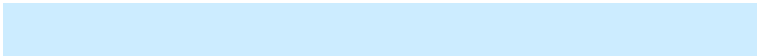
2.4308, 1.7471, 0.2091

Inverse Universe

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



76.3563, 83.0968, 106.6226



72.8223, 79.7982, 106.1722



70.7187, 71.8217, 104.7434



17.9394, 19.2504, 23.0201



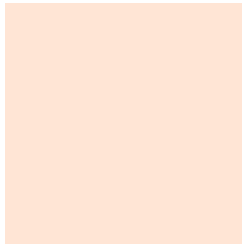
15.9536, 16.8168, 51.8397



1.6589, 1.8485, 5.0826

Previews

White Background



This preview shows how the XYZ color 81.2696, 82.1027, 74.5148 looks on a white background.

Color Contrast Check

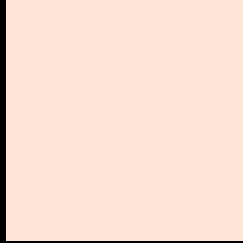
Large Text (above 18pt) WCAG AA × Fail

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 81.2696, 82.1027, 74.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

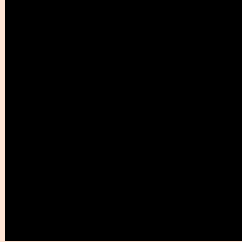
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2696, 82.1027, 74.5148

Background



This preview shows how black text looks on a background with the XYZ color 81.2696, 82.1027, 74.5148.



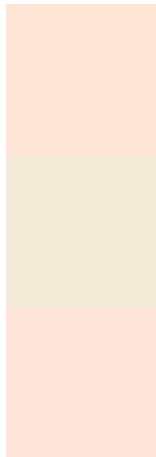
This preview shows how white text looks on a background with the XYZ color 81.2696, 82.1027,

74.5148.

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

81.2696, 82.1027, 74.5148

Protanopia

78.3668, 82.2388, 76.0333

Deuteranopia

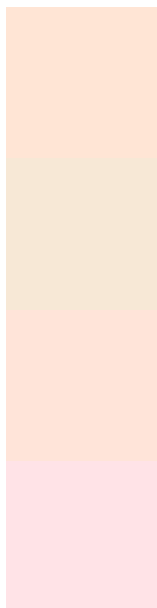
81.9017, 81.9141, 79.2045



Tritanopia

84.3135, 82.0036, 94.6036

Trichromacy



Original Color

81.2696, 82.1027, 74.5148

Protanomaly

79.3520, 82.3424, 75.3297

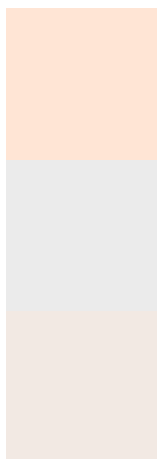
Deuteranomaly

81.5078, 81.7566, 77.1303

Tritanomaly

83.1329, 81.9677, 87.0411

Monochromacy



Original Color

81.2696, 82.1027, 74.5148

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.6220, 82.7011, 84.4394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2696, 82.1027, 74.5148 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 213) }
```

Border

The CSS property to change the border of an element to XYZ 81.2696, 82.1027, 74.5148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

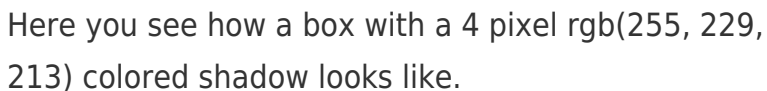
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 229, 213) }
```


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

```
.border{ border-color:rgb(255, 229, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2696, 82.1027, 74.5148 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
229, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor