

Converting Colors

XYZ(81.4529, 85.7153, 68.1288)

Have a look what the booklet for
XYZ(81.4529, 85.7153, 68.1288)
contains.

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Color

**XYZ(81.4529, 85.7153,
68.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEDCA
RGB	253, 237, 202
RGB Percent	99%, 93%, 79%
CMY	0.0078, 0.0706, 0.2078
CMYK	0.00, 0.06, 0.20, 0.01
HSL	41°, 93%, 89%
HSV	41°, 20%, 99%
XYZ	81.4529, 85.7153, 68.1288
YIQ	237.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

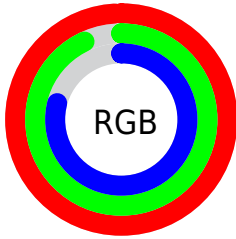
Format	Color
R _Y B	225, 253, 202
Decimal	16641482
CIE Lab	94.19, -0.03, 18.92
CIE LCh	94, 18.922, 90.100
Yxy	85.7153, 0.3462, 0.3643
Android (android.graphics.Color)	4294831562 (0xFFFDCA)
YUV	237.7940, -17.6464, 13.3357
Hunter-Lab	92.5826, -4.9776, 21.1780

Details

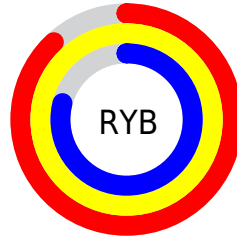
The XYZ color **81.4529, 85.7153, 68.1288** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.1578, 69.7897, 102.8603**, and the grayscale version is **81.2315, 85.4619, 93.0680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6341, 46.9216, 34.7213** is the 20% darker color. If you saturate the color by 10%, you get **76.4535, 80.1235, 52.8752**, and if you desaturate by 10%, it is **87.0497, 91.7146, 86.0065**.

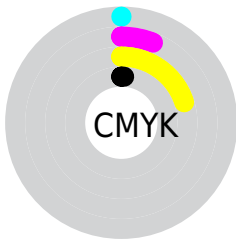
Distribution



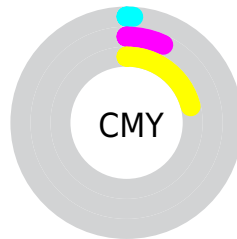
- Red (99%)
- Green (93%)
- Blue (79%)



- Red (88%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4529, 85.7153, 68.1288 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 81.4529, 85.7153, 68.1288 by changing the saturation by 10% instead.

81.4529, 85.7153,
68.1288

81.4529, 85.7153,
68.1288

488.4781,
513.9920, 472.5627

61.2272, 64.4326,
49.5352

134.3463,
141.3721, 118.1923

44.6618, 47.0011,
34.6756

167.7448,
176.5150, 150.4993

31.3913, 33.0365,
23.1316

206.2650,
217.0468, 188.2146

21.0503, 22.1544,
14.4845

250.2722,
263.3517, 231.7565

13.2734, 13.9704,
8.3158

300.1317,
315.8144, 281.5438

7.6954, 8.1001,
4.2070

356.2090,

3.9508, 4.1591,

374.8190, 337.9949

1.7396

418.8693,
440.7501, 401.5283

■ 1.6743, 1.7629,
0.3877

■ 0.4401, 0.4639,
0.0000

■ 81.4529, 85.7153,
68.1288

■ 81.4529, 85.7153,
68.1288

■ 76.4535, 80.1235,
52.8752

■ 87.0497, 91.7146,
86.0065

■ 72.0195, 74.9154,
40.1138

■ 93.2606, 98.1214,
106.6204

■ 68.1259, 70.0820,
29.7097

■ 94.3183, 99.6228,
108.8658

■ 64.7429, 65.6092,
21.5125

■ 61.8374, 61.4814,
15.3549

■ 59.3717, 57.6815,
11.0449

■ 57.3009, 54.1890,
8.3536

■ 55.5775, 51.0212,
6.9188

Harmonies

Analogous

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



86.4206, 85.7153, 71.1825



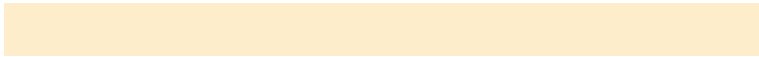
81.4529, 85.7153, 68.1288



76.6836, 85.7153, 71.2230

Triad

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



81.4529, 85.7153, 68.1288



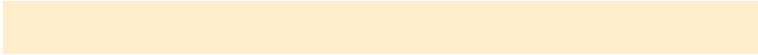
73.3329, 85.7153, 108.0243



90.2055, 85.7153, 107.9318

Complementary

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



81.4529, 85.7153, 68.1288



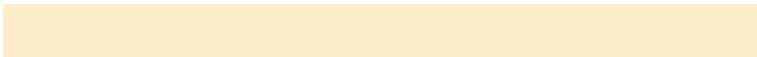
67.1578, 69.7897, 102.8603

Split Complementary

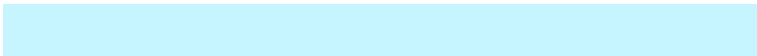
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4511, 85.7153, 119.5934



81.4529, 85.7153, 68.1288



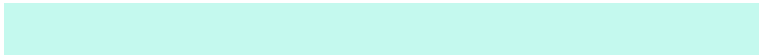
76.7118, 85.7153, 119.6506

Square

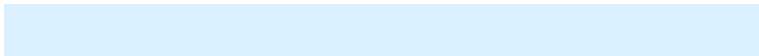
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4529, 85.7153, 68.1288



72.1157, 85.7153, 93.3779



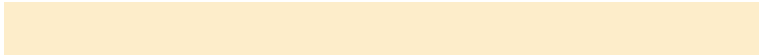
81.4867, 85.7153, 124.0846



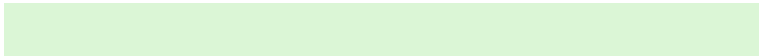
91.5998, 85.7153, 93.2809

Rectangle

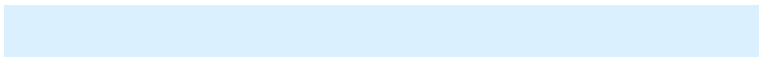
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4529, 85.7153, 68.1288



74.2260, 85.7153, 76.5604



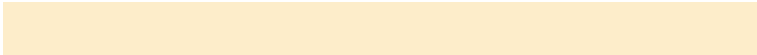
81.4867, 85.7153, 124.0846



89.1702, 85.7153, 112.3839

Sweetspot

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



81.4552, 85.7191, 68.1306



91.1719, 96.0300, 95.9350



74.3040, 68.1946, 75.6803



19.4272, 20.4638, 20.2452



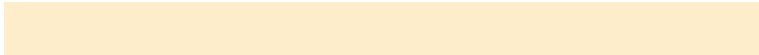
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

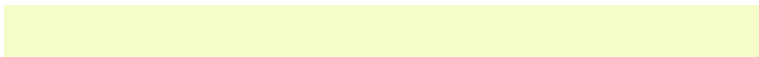
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4552, 85.7191, 68.1306



80.8948, 85.0254, 63.0692



82.9736, 93.6861, 69.5884



19.0525, 20.0732, 19.0147



29.7013, 27.4139, 3.7260



2.9898, 2.8649, 0.3954

Inverse Universe

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



67.1578, 69.7897, 102.8603



64.0395, 66.2483, 104.0197



65.8156, 63.2347, 101.6658



17.4678, 18.3072, 22.8629



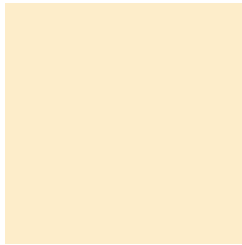
11.0464, 7.0023, 50.2040



1.1684, 0.8674, 4.9191

Previews

White Background



This preview shows how the XYZ color 81.4529, 85.7153, 68.1288 looks on a white background.

Color Contrast Check

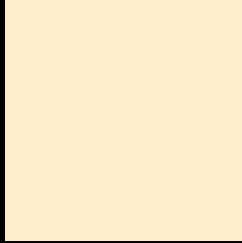
Large Text (above 18pt) WCAG AA × Fail

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 81.4529, 85.7153, 68.1288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

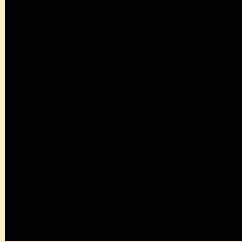
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4529, 85.7153, 68.1288

Background



This preview shows how black text looks on a background with the XYZ color 81.4529, 85.7153, 68.1288.



This preview shows how white text looks on a background with the XYZ color 81.4529, 85.7153,

68.1288.

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

81.4529, 85.7153, 68.1288

Protanopia

81.0189, 85.9226, 68.1917

Deuteranopia

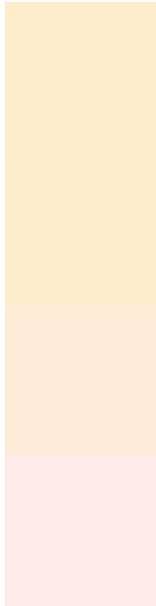
84.1174, 85.4875, 82.5883



Tritanopia

86.7312, 85.6270, 99.1452

Trichromacy



Original Color

81.4529, 85.7153, 68.1288

Protanomaly

81.3801, 86.1088, 68.2086

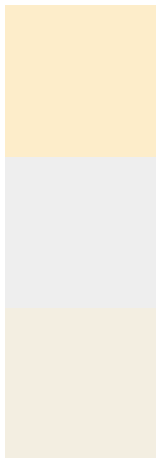
Deuteranomaly

82.9761, 85.4454, 77.0850

Tritanomaly

84.5788, 85.6296, 86.9333

Monochromacy



Original Color

81.4529, 85.7153, 68.1288

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1273, 85.6400, 83.4885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4529, 85.7153, 68.1288 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, 237, 202)` looks like.

```
.text, #text, p{  
    color:rgb(253, 237, 202)  
}
```

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, 237, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 237, 202) }
```

Border

The CSS property to change the border of an element to XYZ 81.4529, 85.7153, 68.1288 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, 237, 202) }
```


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

```
.border{ border-color:rgb(253, 237, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 237, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 237, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 237, 202);  
box-shadow:4px 4px 4px 4px rgb(253, 237,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4529, 85.7153, 68.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 237, 202) }
```

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

```
.background{ background-color: rgb(253,  
237, 202) }
```

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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