

Converting Colors

XYZ(81.2373, 84.2643, 69.9148)

Have a look what the booklet for
XYZ(81.2373, 84.2643, 69.9148)
contains.

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Color

**XYZ(81.3153, 84.3242,
69.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEACD
RGB	254, 234, 205
RGB Percent	100%, 92%, 80%
CMY	0.0039, 0.0823, 0.1961
CMYK	0.00, 0.08, 0.19, 0.00
HSL	36°, 96%, 90%
HSV	36°, 19%, 100%
XYZ	81.3153, 84.3242, 69.7480
YIQ	236.6740, 21.2290, -4.7790

Conversions

Conversions Part 2

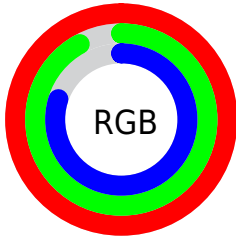
Format	Color
R _Y B	239, 254, 205
Decimal	16706253
CIE Lab	93.59, 2.28, 16.54
CIE LCh	94, 16.700, 82.143
Yxy	84.3242, 0.3455, 0.3582
Android (android.graphics.Color)	4294896333 (0xFFFEACD)
YUV	236.6740, -15.6153, 15.1949
Hunter-Lab	91.8282, -2.6349, 19.2461

Details

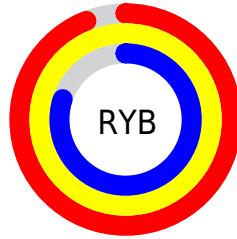
The XYZ color **81.3153, 84.3242, 69.7480** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.9911, 73.9837, 104.3579**, and the grayscale version is **80.3523, 84.5368, 92.0606**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5323, 45.9455, 35.7994** is the 20% darker color. If you saturate the color by 10%, you get **75.6304, 77.4688, 53.9344**, and if you desaturate by 10%, it is **87.6752, 91.7316, 88.2441**.

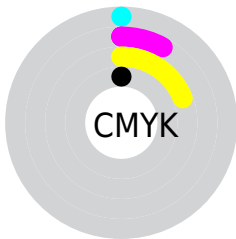
Distribution



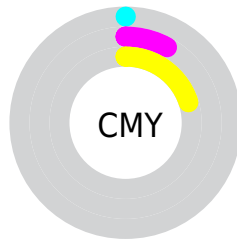
- Red (100%)
- Green (92%)
- Blue (80%)



- Red (94%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3153, 84.3242, 69.7480 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 81.3153, 84.3242, 69.7480 by changing the saturation by 10% instead.


 81.3153, 84.3242,
69.7480

 81.3153, 84.3242,
69.7480


488.0238,
509.3892, 478.4299

 61.1135, 63.2831,
50.8456


134.1542,
139.4286, 120.5271

 44.5697, 46.0703,
35.7099


167.5221,
174.2607, 153.2408

 31.3184, 32.3013,
23.9223


206.0093,
214.4586, 191.3954

 20.9945, 21.5917,
15.0643

249.9813,
260.4068, 235.4093

 13.2324, 13.5572,
8.7174

299.8034,
312.4895, 285.7012

 7.6669, 7.8134,
4.4630

355.8409,

 3.9325, 3.9758,

371.0912, 342.6896

1.8826

418.4593,
436.5963, 406.7930

■ 1.6640, 1.6600,
0.4817

■ 0.4336, 0.3976,
0.0000

■ 81.3153, 84.3242,
69.7480

■ 81.3153, 84.3242,
69.7480

■ 75.6304, 77.4688,
53.9344

■ 87.6752, 91.7316,
88.2441

■ 70.5867, 71.1386,
40.6708

94.5991, 99.6425,
108.8548

■ 66.1577, 65.3209,
29.8211

94.6833, 99.8110,
108.8828

■ 62.3117, 59.9983,
21.2345

■ 59.0138, 55.1516,
14.7430

■ 56.2246, 50.7600,
10.1546

■ 53.8976, 46.7993,
7.2416

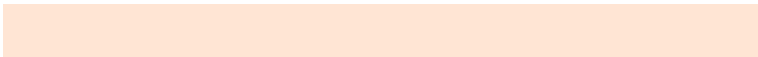
■ 51.9639, 43.2364,
5.6584

■ 51.8361, 42.9965,
5.5671

Harmonies

Analogous

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



85.4784, 84.3242, 73.9033



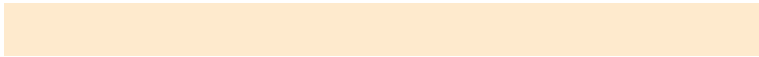
81.3153, 84.3242, 69.7480



76.9861, 84.3242, 71.0608

Triad

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



81.3153, 84.3242, 69.7480



72.5290, 84.3242, 101.3000



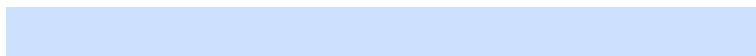
87.0483, 84.3242, 107.5802

Complementary

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



81.3153, 84.3242, 69.7480



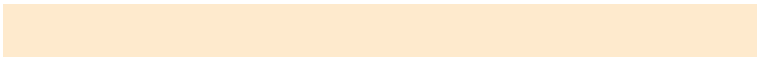
69.9911, 73.9837, 104.3579

Split Complementary

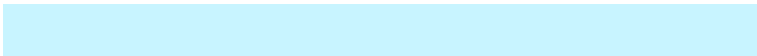
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3946, 84.3242, 116.2608



81.3153, 84.3242, 69.7480



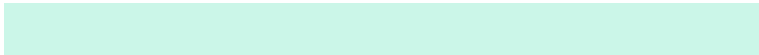
75.0432, 84.3242, 112.4089

Square

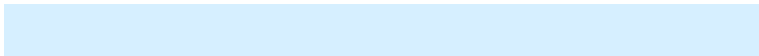
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3153, 84.3242, 69.7480



72.0183, 84.3242, 88.5267



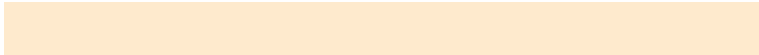
78.9912, 84.3242, 118.1045



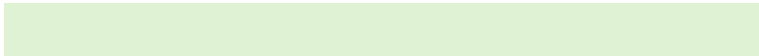
88.8668, 84.3242, 95.1831

Rectangle

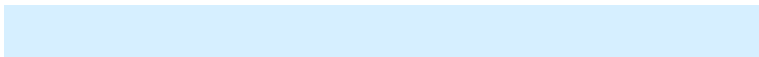
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3153, 84.3242, 69.7480



74.5781, 84.3242, 74.9206



78.9912, 84.3242, 118.1045



85.9878, 84.3242, 111.0749

Sweetspot

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



81.3175, 84.3280, 69.7498



90.7241, 95.1345, 95.7857



76.3528, 70.1936, 81.0580



19.3212, 20.2520, 20.2099



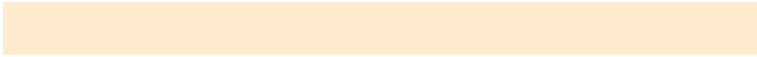
0.0000, 0.0000, 0.0000



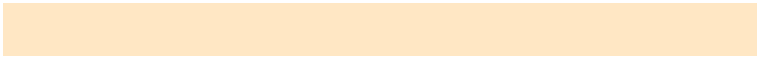
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3175, 84.3280, 69.7498



79.8384, 82.4509, 64.1404



85.8565, 95.6007, 71.6864



18.9033, 19.7747, 18.9649



27.4772, 22.9656, 2.9846



2.7828, 2.4510, 0.3264

Inverse Universe

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



69.9911, 73.9837, 104.3579



66.5736, 70.3377, 104.6755



66.0398, 64.3870, 102.7138



17.6116, 18.5949, 22.9109



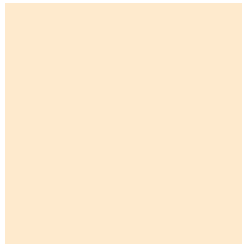
12.1589, 9.2273, 50.5748



1.2880, 1.1067, 4.9590

Previews

White Background



This preview shows how the XYZ color 81.3153, 84.3242, 69.7480 looks on a white background.

Color Contrast Check

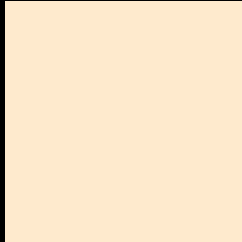
Large Text (above 18pt) WCAG AA × Fail

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 81.3153, 84.3242, 69.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

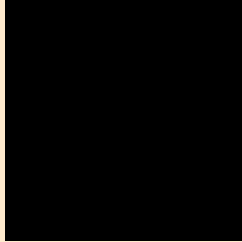
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3153, 84.3242, 69.7480

Background



This preview shows how black text looks on a background with the XYZ color 81.3153, 84.3242, 69.7480.



This preview shows how white text looks on a background with the XYZ color 81.3153, 84.3242,

69.7480.

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

81.3153, 84.3242, 69.7480

Protanopia

79.8474, 84.4036, 70.4756

Deuteranopia

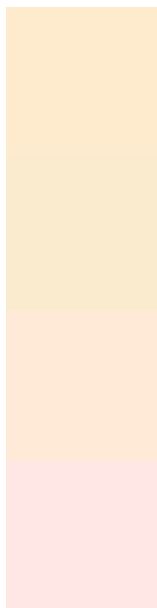
83.1478, 84.1937, 80.2753



Tritanopia

85.8659, 84.3853, 97.3503

Trichromacy



Original Color

81.3153, 84.3242, 69.7480

Protanomaly

80.2733, 84.1969, 70.4133

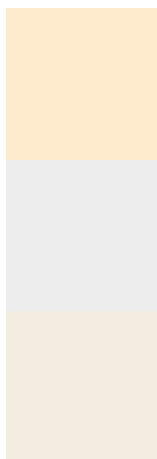
Deuteranomaly

82.6447, 84.4441, 76.2335

Tritanomaly

84.0988, 84.1250, 86.6682

Monochromacy



Original Color

81.3153, 84.3242, 69.7480

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.5482, 84.4818, 83.2954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3153, 84.3242, 69.7480 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(254, 234, 205) looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 205)  
}
```

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(254, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 205) }
```

Border

The CSS property to change the border of an element to XYZ 81.3153, 84.3242, 69.7480 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(254, 234, 205) }
```


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

```
.border{ border-color:rgb(254, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3153, 84.3242, 69.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 205) }
```

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

```
.background{ background-color: rgb(254,  
234, 205) }
```

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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