

Converting Colors

XYZ(74.4434, 81.3882, 71.0417)

Have a look what the booklet for
XYZ(74.4434, 81.3882, 71.0417)
contains.

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Color

**XYZ(74.5366, 81.6517,
70.8633)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ECCF
RGB	232, 236, 207
RGB Percent	91%, 93%, 81%
CMY	0.0902, 0.0745, 0.1882
CMYK	0.02, 0.00, 0.12, 0.07
HSL	68°, 43%, 87%
HSV	68°, 12%, 93%
XYZ	74.5366, 81.6517, 70.8633
YIQ	231.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

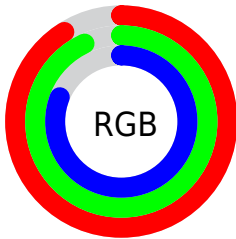
Format	Color
R_{YB}	207, 236, 211
Decimal	15264975
CIE _{Lab}	92.42, -6.25, 13.61
CIE _{LCh}	92, 14.977, 114.653
Yxy	81.6517, 0.3283, 0.3596
Android (android.graphics.Color)	4293455055 (0xFFE8ECCF)
YUV	231.4980, -12.0775, 0.4403
Hunter-Lab	90.3613, -10.8925, 16.7564

Details

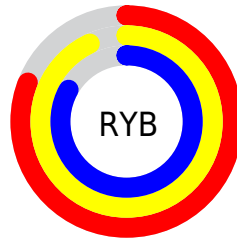
The XYZ color **74.5366, 81.6517, 70.8633** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.3203, 64.5329, 88.4273**, and the grayscale version is **76.4122, 80.3916, 87.5465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9755, 44.1725, 36.5562** is the 20% darker color. If you saturate the color by 10%, you get **70.8170, 80.0455, 56.7369**, and if you desaturate by 10%, it is **78.7116, 83.4477, 87.2657**.

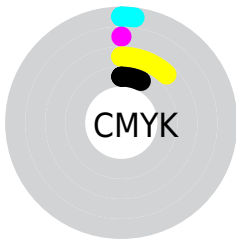
Distribution



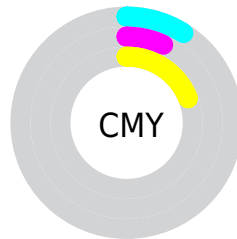
- Red (91%)
- Green (93%)
- Blue (81%)



- Red (81%)
- Yellow (93%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5366, 81.6517, 70.8633 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 74.5366, 81.6517, 70.8633 by changing the saturation by 10% instead.

74.5366, 81.6517,
70.8633

74.5366, 81.6517,
70.8633

465.3450,
500.4819, 482.4462

55.5262, 61.0785,
51.7495

124.6476,
135.6855, 122.1317

40.0587, 44.2885,
36.4246

156.4789,
169.9148, 155.1234

27.7687, 30.8974,
24.4700

193.3145,
209.4649, 193.5781

18.2909, 20.5207,
15.4672

235.5198,
254.7203, 237.9144

11.2600, 12.7741,
8.9977

283.4602,
306.0653, 288.5508

6.3106, 7.2732,
4.6429

337.5009,

3.0773, 3.6335,

363.8843, 345.9059

1.9842

398.0074,
428.5617, 410.3982

■ 1.1948, 1.4708,
0.5456

■ 0.1022, 0.2680,
0.0000

■ 74.5366, 81.6517,
70.8633

■ 74.5366, 81.6517,
70.8633

■ 70.8170, 80.0455,
56.7369

■ 78.7116, 83.4477,
87.2657

■ 67.5270, 78.6107,
44.7807

■ 83.3533, 85.4300,
106.0329

■ 64.6482, 77.3425,
34.8884

■ 84.5887, 86.0521,
106.7592

■ 62.1583, 76.2322,
26.9430

■ 85.7160, 86.6332,
106.8119

60.0325, 75.2698,
20.8154

86.8632, 87.2247,
106.8656

58.2435, 74.4442,
16.3612

88.0307, 87.8265,
106.9202

56.7594, 73.7428,
13.4138

89.2183, 88.4388,
106.9758

55.5421, 73.1504,
11.7728

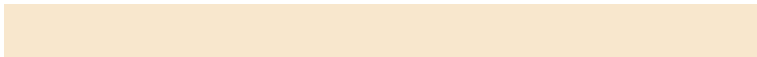
89.2871, 88.4742,
106.9790

54.7395, 72.7494,
11.1570

Harmonies

Analogous

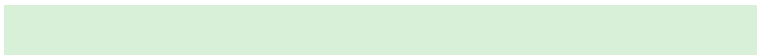
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3049, 81.6517, 69.2808



74.5366, 81.6517, 70.8633



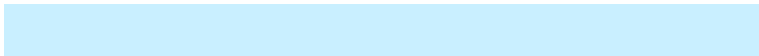
71.6792, 81.6517, 77.1063

Triad

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



74.5366, 81.6517, 70.8633



73.3703, 81.6517, 107.4986



85.2761, 81.6517, 90.9112

Complementary

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



74.5366, 81.6517, 70.8633



64.3203, 64.5329, 88.4273

Split Complementary

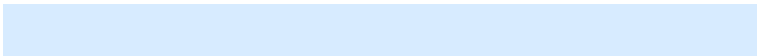
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8540, 81.6517, 101.8494



74.5366, 81.6517, 70.8633



76.9142, 81.6517, 111.9233

Square

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



74.5366, 81.6517, 70.8633



71.0217, 81.6517, 98.1194



80.7616, 81.6517, 109.7748



84.5883, 81.6517, 80.2860

Rectangle

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



74.5366, 81.6517, 70.8633



70.6322, 81.6517, 83.3681



80.7616, 81.6517, 109.7748



85.0276, 81.6517, 94.6814

Sweetspot

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



74.5388, 81.6553, 70.8651



92.9346, 99.0942, 100.4551



69.1184, 68.8624, 68.6815



19.8088, 21.1746, 21.1725



0.0000, 0.0000, 0.0000



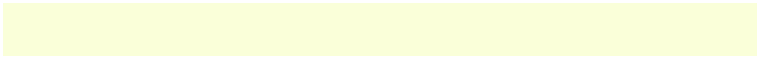
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5388, 81.6553, 70.8651



87.5753, 96.7887, 79.5417



70.0647, 79.3488, 70.6557



16.1355, 17.5154, 16.0491



30.2540, 40.1410, 6.1534



2.4321, 3.1811, 0.4858

Inverse Universe

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



64.3203, 64.5329, 88.4273



72.9324, 72.2515, 104.7097



68.6216, 66.7502, 88.6286



14.4246, 14.6487, 18.9895



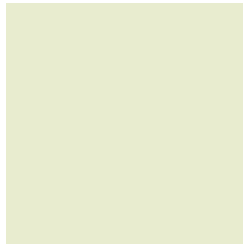
8.7465, 3.5449, 43.9662



0.7479, 0.3098, 3.4553

Previews

White Background



This preview shows how the XYZ color 74.5366, 81.6517, 70.8633 looks on a white background.

Color Contrast Check

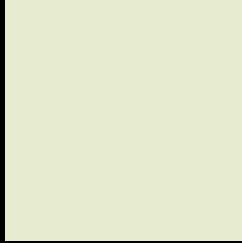
Large Text (above 18pt) WCAG AA × Fail

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 74.5366, 81.6517, 70.8633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

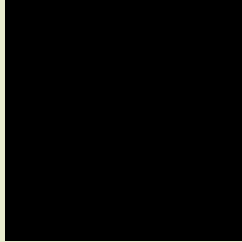
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

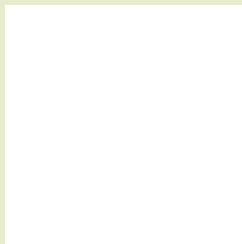
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5366, 81.6517, 70.8633

Background



This preview shows how black text looks on a background with the XYZ color 74.5366, 81.6517, 70.8633.



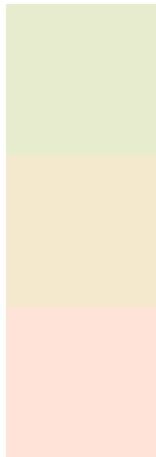
This preview shows how white text looks on a background with the XYZ color 74.5366, 81.6517,

70.8633.

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

74.5366, 81.6517, 70.8633

Protanopia

77.1843, 81.3541, 69.3925

Deuteranopia

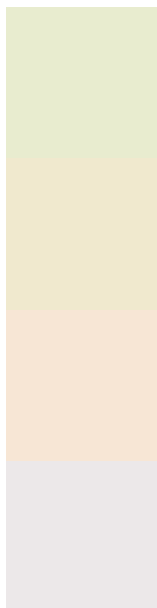
81.2335, 81.2079, 77.0389



Tritanopia

80.5000, 81.5481, 100.3045

Trichromacy



Original Color

74.5366, 81.6517, 70.8633

Protanomaly

76.2147, 81.2593, 70.0602

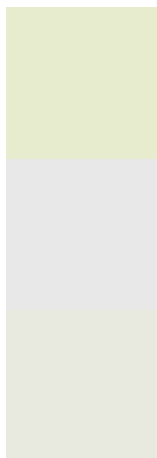
Deuteranomaly

78.6648, 81.1719, 74.4724

Tritanomaly

78.1567, 81.4293, 88.6889

Monochromacy



Original Color

74.5366, 81.6517, 70.8633

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7369, 80.7613, 81.4088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5366, 81.6517, 70.8633 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(232, 236, 207)` looks like.

```
.text, #text, p{  
    color:rgb(232, 236, 207)  
}
```

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(232, 236, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 207) }
```

Border

The CSS property to change the border of an element to XYZ 74.5366, 81.6517, 70.8633 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(232, 236, 207) }
```


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

```
.border{ border-color:rgb(232, 236, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 236, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 236, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 236, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 236,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5366, 81.6517, 70.8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 236, 207) }
```

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

```
.background{ background-color: rgb(232,  
236, 207) }
```

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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