

Converting Colors

XYZ(74.8663, 81.3371, 65.7257)

Have a look what the booklet for
XYZ(74.8663, 81.3371, 65.7257)
contains.

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Color

**XYZ(74.9422, 81.5447,
65.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEBC7
RGB	237, 235, 199
RGB Percent	93%, 92%, 78%
CMY	0.0706, 0.0784, 0.2196
CMYK	0.00, 0.01, 0.16, 0.07
HSL	57°, 51%, 85%
HSV	57°, 16%, 93%
XYZ	74.9422, 81.5447, 65.8227
YIQ	231.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

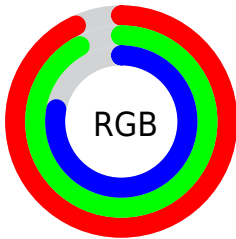
Format	Color
R_{YB}	201, 237, 199
Decimal	15592391
CIE _{Lab}	92.37, -5.21, 17.74
CIE _{LCh}	92, 18.490, 106.360
Yxy	81.5447, 0.3371, 0.3668
Android (android.graphics.Color)	4293782471 (0xFFEDEC7)
YUV	231.4940, -16.0195, 4.8288
Hunter-Lab	90.3021, -9.8906, 19.9940

Details

The XYZ color **74.9422, 81.5447, 65.8227** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.7258, 60.0287, 88.5602**, and the grayscale version is **76.4347, 80.4152, 87.5722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2870, 44.1083, 33.1785** is the 20% darker color. If you saturate the color by 10%, you get **72.0479, 79.8217, 52.3229**, and if you desaturate by 10%, it is **78.2720, 83.4514, 81.5840**.

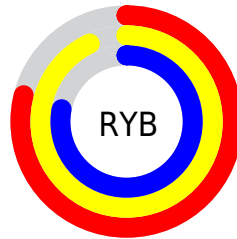
Distribution



Red (93%)

Green (92%)

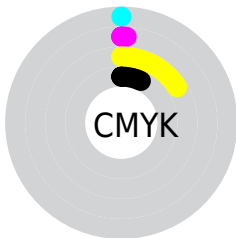
Blue (78%)



Red (79%)

Yellow (93%)

Blue (78%)

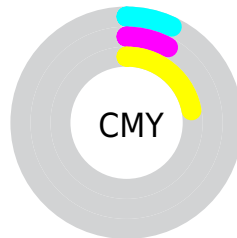


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9422, 81.5447, 65.8227 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 74.9422, 81.5447, 65.8227 by changing the saturation by 10% instead.

74.9422, 81.5447,
65.8227

74.9422, 81.5447,
65.8227

466.7191,
500.1235, 464.1294

55.8595, 60.9903,
47.6729

125.2189,
135.5353, 114.8564

40.3269, 44.2173,
33.2098

157.1436,
169.7404, 146.5774

27.9788, 30.8414,
22.0148

194.0798,
209.2644, 183.6592

18.4501, 20.4781,
13.6693

236.3927,
254.4918, 226.5204

11.3752, 12.7431,
7.7549

284.4477,
305.8071, 275.5794

6.3890, 7.2519,
3.8530

338.6102,

3.1259, 3.6201,

363.5945, 331.2549

1.5451

399.2456,
428.2385, 393.9654

■ 1.2207, 1.4634,
0.2512

■ 0.1226, 0.2628,
0.0000

■ 74.9422, 81.5447,
65.8227

■ 74.9422, 81.5447,
65.8227

■ 72.0479, 79.8217,
52.3229

■ 78.2720, 83.4514,
81.5840

■ 69.5627, 78.2636,
40.9751

■ 82.0492, 85.5383,
99.6988

■ 67.4676, 76.8654,
31.6688

■ 83.7654, 86.8047,
106.9478

■ 65.7391, 75.6179,
24.2814

■ 84.1304, 87.5348,
107.0695

■ 64.3516, 74.5108,
18.6773

■ 84.4979, 88.2698,
107.1920

■ 63.2760, 73.5323,
14.7031

■ 84.8679, 89.0099,
107.3154

■ 62.4782, 72.6689,
12.1799

■ 85.2405, 89.7550,
107.4395

■ 61.9161, 71.9037,
10.8855

■ 85.6156, 90.5052,
107.5646

■ 61.7313, 71.6166,
10.5698

■ 85.9932, 91.2605,
107.6904

Harmonies

Analogous

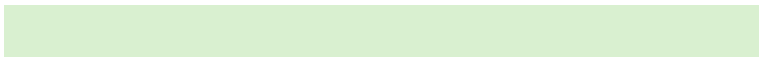
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6965, 81.5447, 65.5578



74.9422, 81.5447, 65.8227



71.0343, 81.5447, 71.8119

Triad

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



74.9422, 81.5447, 65.8227



71.3261, 81.5447, 109.2622



86.7982, 81.5447, 95.1502

Complementary

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



74.9422, 81.5447, 65.8227



59.7258, 60.0287, 88.5602

Split Complementary

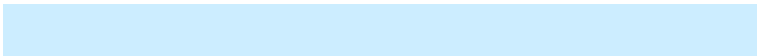
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3589, 81.5447, 108.2492



74.9422, 81.5447, 65.8227



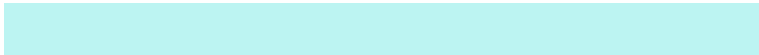
75.3556, 81.5447, 116.9453

Square

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



74.9422, 81.5447, 65.8227



69.0061, 81.5447, 96.4216



80.1272, 81.5447, 116.5566



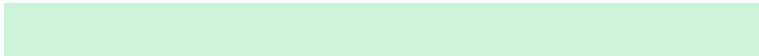
86.6763, 81.5447, 81.5689

Rectangle

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



74.9422, 81.5447, 65.8227



69.3766, 81.5447, 78.6329



80.1272, 81.5447, 116.5566



86.2464, 81.5447, 99.7825

Sweetspot

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



74.9444, 81.5483, 65.8244



92.8514, 98.7795, 98.3740



65.9549, 63.0947, 64.2913



19.8102, 21.1071, 20.7516



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

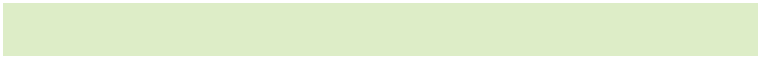
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9444, 81.5483, 65.8244



87.4014, 95.6508, 72.5994



70.2707, 79.9917, 65.7703



16.2803, 17.4835, 16.0353



33.7338, 39.1619, 5.7810



2.6697, 3.1168, 0.4609

Inverse Universe

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



59.7258, 60.0287, 88.5602



66.4800, 66.0676, 103.8562



63.8721, 61.4803, 88.6218



14.2946, 14.6757, 19.0015



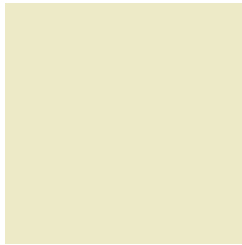
8.4488, 3.5446, 43.9818



0.6858, 0.3232, 3.4611

Previews

White Background



This preview shows how the XYZ color 74.9422, 81.5447, 65.8227 looks on a white background.

Color Contrast Check

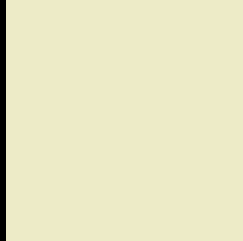
Large Text (above 18pt) WCAG AA × Fail

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 74.9422, 81.5447, 65.8227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

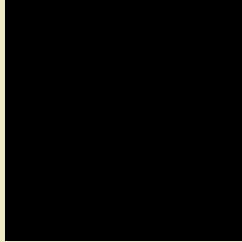
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

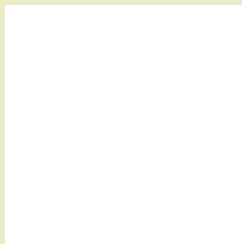
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9422, 81.5447, 65.8227

Background



This preview shows how black text looks on a background with the XYZ color 74.9422, 81.5447, 65.8227.



This preview shows how white text looks on a background with the XYZ color 74.9422, 81.5447,

65.8227.

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

74.9422, 81.5447, 65.8227

Protanopia

76.7058, 81.2029, 65.0570

Deuteranopia

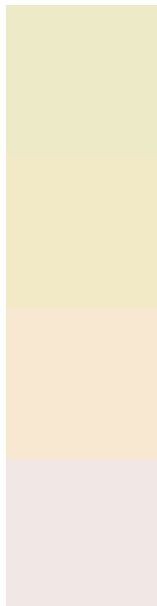
81.1210, 81.6018, 75.0935



Tritanopia

81.3401, 81.1953, 98.5740

Trichromacy



Original Color

74.9422, 81.5447, 65.8227

Protanomaly

75.9499, 81.2323, 65.1025

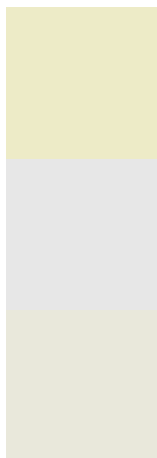
Deuteranomaly

78.7959, 81.7117, 71.9406

Tritanomaly

78.9944, 81.5097, 85.6982

Monochromacy



Original Color

74.9422, 81.5447, 65.8227

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2471, 80.1513, 78.5226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9422, 81.5447, 65.8227 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(237, 235, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 199)  
}
```

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(237, 235, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 199) }
```

Border

The CSS property to change the border of an element to XYZ 74.9422, 81.5447, 65.8227 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(237, 235, 199) }
```


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

```
.border{ border-color:rgb(237, 235, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9422, 81.5447, 65.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 199) }
```

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

```
.background{ background-color: rgb(237,  
235, 199) }
```

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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