

Converting Colors

XYZ(73.1363, 80.9082, 65.2322)

Have a look what the booklet for
XYZ(73.1363, 80.9082, 65.2322)
contains.

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Color

**XYZ(73.1435, 81.0570,
65.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ECC6
RGB	231, 236, 198
RGB Percent	91%, 93%, 78%
CMY	0.0941, 0.0745, 0.2235
CMYK	0.02, 0.00, 0.16, 0.07
HSL	68°, 50%, 85%
HSV	68°, 16%, 93%
XYZ	73.1435, 81.0570, 65.2166
YIQ	230.1730, 9.2180, -12.8780

Conversions

Conversions Part 2

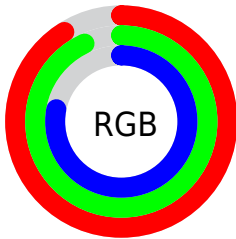
Format	Color
R_{YB}	198, 236, 203
Decimal	15199430
CIE _{Lab}	92.16, -8.00, 17.89
CIE _{LCh}	92, 19.596, 114.096
Yxy	81.0570, 0.3334, 0.3694
Android (android.graphics.Color)	4293389510 (0xFFE7ECC6)
YUV	230.1730, -15.8613, 0.7253
Hunter-Lab	90.0317, -12.5385, 20.0740

Details

The XYZ color **73.1435, 81.0570, 65.2166** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.9661, 59.1430, 87.6164**, and the grayscale version is **75.4526, 79.3821, 86.4471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0345, 43.7701, 32.7767** is the 20% darker color. If you saturate the color by 10%, you get **69.6372, 79.5423, 51.9328**, and if you desaturate by 10%, it is **77.0961, 82.7577, 80.7387**.

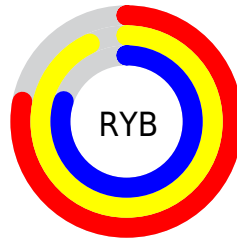
Distribution



Red (91%)

Green (93%)

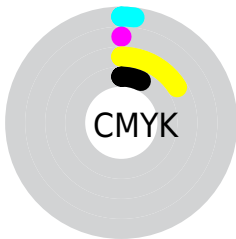
Blue (78%)



Red (78%)

Yellow (93%)

Blue (80%)

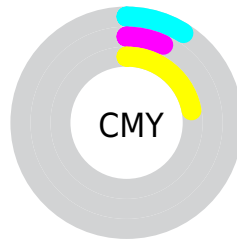


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1435, 81.0570, 65.2166 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 73.1435, 81.0570, 65.2166 by changing the saturation by 10% instead.

73.1435, 81.0570,
65.2166

73.1435, 81.0570,
65.2166

460.6081,
498.4879, 461.8974

54.3821, 60.5885,
47.1843

122.6829,
134.8508, 113.9775

39.1391, 43.8932,
32.8260

154.1917,
168.9449, 145.5431

27.0492, 30.5866,
21.7231

190.6803,
208.3498, 182.4569

17.7469, 20.2842,
13.4572

232.5140,
253.4496, 225.1374

10.8670, 12.6018,
7.6097

280.0584,
304.6290, 274.0032

6.0441, 7.1549,
3.7621

333.6786,

2.9128, 3.5592,

362.2722, 329.4727

1.4958

393.7400,
426.7637, 391.9646

■ 1.1078, 1.4302,
0.2148

■ 0.0317, 0.2388,
0.0000

■ 73.1435, 81.0570,
65.2166

■ 73.1435, 81.0570,
65.2166

■ 69.6372, 79.5423,
51.9328

■ 77.0961, 82.7577,
80.7387

■ 66.5512, 78.1951,
40.7790

■ 81.5071, 84.6410,
98.5903

■ 63.8663, 77.0103,
31.6455

■ 84.0927, 85.7964,
106.7359

■ 61.5594, 75.9788,
24.4112

■ 85.1588, 86.3460,
106.7858

■ 59.6049, 75.0903,
18.9416

■ 86.2431, 86.9050,
106.8366

■ 57.9740, 74.3332,
15.0849

■ 87.3457, 87.4733,
106.8882

■ 56.6327, 73.6939,
12.6636

■ 88.4666, 88.0512,
106.9406

■ 55.5392, 73.1558,
11.4574

■ 89.2871, 88.4742,
106.9790

■ 55.1535, 72.9628,
11.1763

Harmonies

Analogous

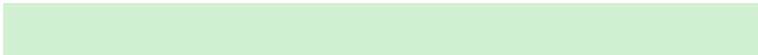
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0459, 81.0570, 63.3732



73.1435, 81.0570, 65.2166



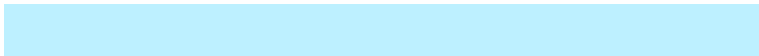
69.4378, 81.0570, 72.9255

Triad

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



73.1435, 81.0570, 65.2166



71.4842, 81.0570, 112.7674



87.1157, 81.0570, 91.1503

Complementary

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



73.1435, 81.0570, 65.2166



59.9661, 59.1430, 87.6164

Split Complementary

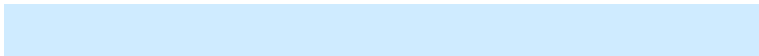
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1826, 81.0570, 105.6001



73.1435, 81.0570, 65.2166



76.0472, 81.0570, 118.9273

Square

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



73.1435, 81.0570, 65.2166



68.5095, 81.0570, 100.1112



81.0771, 81.0570, 116.1711



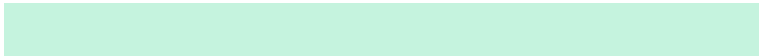
86.2556, 81.0570, 77.3781

Rectangle

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



73.1435, 81.0570, 65.2166



68.0715, 81.0570, 80.8503



81.0771, 81.0570, 116.1711



86.7684, 81.0570, 96.1034

Sweetspot

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



73.1457, 81.0606, 65.2183



92.4496, 98.8888, 98.4162



66.0101, 64.3570, 62.3703



19.7122, 21.1338, 20.7619



0.0000, 0.0000, 0.0000



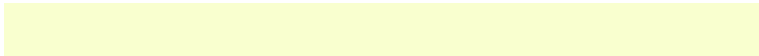
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1457, 81.0606, 65.2183



85.8990, 96.0729, 72.7600



67.5064, 78.1534, 64.9544



16.1455, 17.5205, 16.0496



30.4792, 40.2571, 6.1640



2.4476, 3.1891, 0.4866

Inverse Universe

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



59.9661, 59.1430, 87.6164



67.6743, 65.7636, 103.7346



65.2879, 61.8865, 87.8654



14.4156, 14.6440, 18.9890



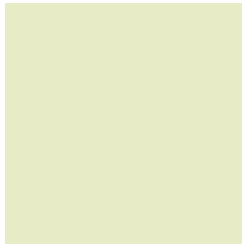
8.7186, 3.5305, 43.9649



0.7436, 0.3076, 3.4551

Previews

White Background



This preview shows how the XYZ color 73.1435, 81.0570, 65.2166 looks on a white background.

Color Contrast Check

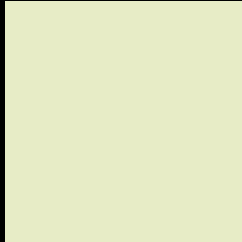
Large Text (above 18pt) WCAG AA × Fail

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 73.1435, 81.0570, 65.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

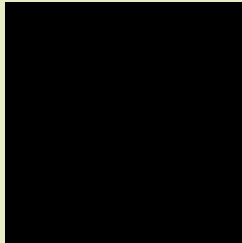
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

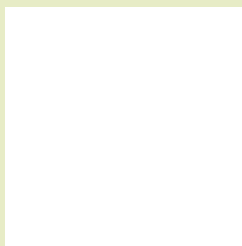
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1435, 81.0570, 65.2166

Background



This preview shows how black text looks on a background with the XYZ color 73.1435, 81.0570, 65.2166.



This preview shows how white text looks on a background with the XYZ color 73.1435, 81.0570,

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

73.1435, 81.0570, 65.2166

Protanopia

76.4766, 81.1112, 63.8498

Deuteranopia

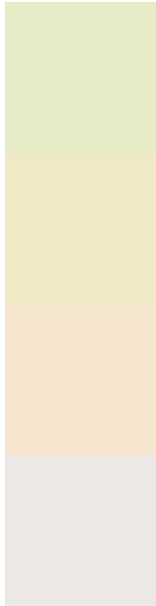
80.5928, 80.9516, 73.6649



Tritanopia

80.0677, 80.9312, 99.3969

Trichromacy



Original Color

73.1435, 81.0570, 65.2166

Protanomaly

75.1521, 80.8343, 64.4650

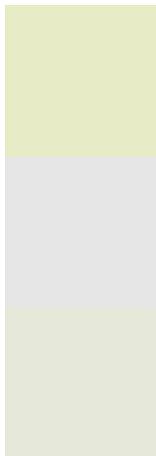
Deuteranomaly

77.5653, 80.6915, 70.5184

Tritanomaly

77.2604, 81.0325, 85.6975

Monochromacy



Original Color

73.1435, 81.0570, 65.2166

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.1446, 79.5982, 77.7858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1435, 81.0570, 65.2166 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(231, 236, 198)` looks like.

```
.text, #text, p{  
    color:rgb(231, 236, 198)  
}
```

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(231, 236, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 236, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.1435, 81.0570, 65.2166 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(231, 236, 198) }
```


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

```
.border{ border-color:rgb(231, 236, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 236, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 236, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 236, 198);  
box-shadow:4px 4px 4px 4px rgb(231, 236,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1435, 81.0570, 65.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 236, 198) }
```

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

```
.background{ background-color: rgb(231,  
236, 198) }
```

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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