

Converting Colors

XYZ(73.0534, 81.4551, 73.3682)

Have a look what the booklet for
XYZ(73.0534, 81.4551, 73.3682)
contains.

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Color

**XYZ(73.0934, 81.2791,
73.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EDD3
RGB	225, 237, 211
RGB Percent	88%, 93%, 83%
CMY	0.1176, 0.0706, 0.1725
CMYK	0.05, 0.00, 0.11, 0.07
HSL	88°, 42%, 88%
HSV	88°, 11%, 93%
XYZ	73.0934, 81.2791, 73.4640
YIQ	230.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

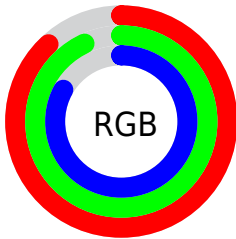
Format	Color
R_{YB}	211, 237, 223
Decimal	14806483
CIE _{Lab}	92.26, -8.53, 11.23
CIE _{LCh}	92, 14.104, 127.215
Yxy	81.2791, 0.3208, 0.3567
Android (android.graphics.Color)	4292996563 (0xFFE1EDD3)
YUV	230.4480, -9.5879, -4.7779
Hunter-Lab	90.1549, -13.0517, 14.7952

Details

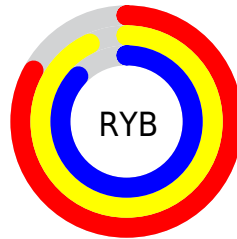
The XYZ color **73.0934, 81.2791, 73.4640** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.0150, 68.3932, 89.6888**, and the grayscale version is **75.6158, 79.5537, 86.6340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1022, 43.9941, 37.8833** is the 20% darker color. If you saturate the color by 10%, you get **67.0368, 78.4776, 58.7974**, and if you desaturate by 10%, it is **79.8112, 84.3756, 90.4516**.

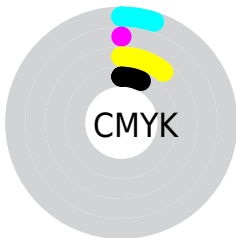
Distribution



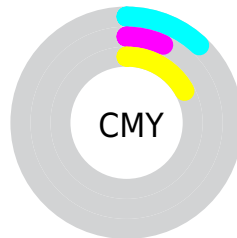
- Red (88%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0934, 81.2791, 73.4640 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 73.0934, 81.2791, 73.4640 by changing the saturation by 10% instead.

73.0934, 81.2791,
73.4640

73.0934, 81.2791,
73.4640

460.4372,
499.2331, 491.7352

54.3410, 60.7715,
53.8613

122.6122,
135.1626, 125.8627

39.1061, 44.0408,
38.0984

154.1093,
169.3073, 159.4958

27.0234, 30.7026,
25.7566

190.5854,
208.7664, 198.6428

17.7275, 20.3725,
16.4175

232.4057,
253.9244, 243.7223

10.8530, 12.6661,
9.6625

279.9357,
305.1657, 295.1527

6.0346, 7.1990,
5.0731

333.5408,

2.9070, 3.5869,

362.8747, 353.3526

2.2307

393.5861,
427.4357, 418.7406

■ 1.1048, 1.4453,
0.6920

■ 0.0291, 0.2497,
0.0000

■ 73.0934, 81.2791,
73.4640

■ 73.0934, 81.2791,
73.4640

■ 67.0368, 78.4776,
58.7974

■ 79.8112, 84.3756,
90.4516

■ 61.6116, 75.9508,
46.3459

■ 86.6525, 87.5446,
106.9385

■ 56.7953, 73.6918,
36.0029

■ 89.5758, 89.0516,
107.0753

■ 52.5614, 71.6896,
27.6511

■ 48.8809, 69.9321,
21.1619

■ 45.7221, 68.4060,
16.3913

■ 43.0489, 67.0963,
13.1745

■ 40.8189, 65.9856,
11.3140

■ 39.1269, 65.1294,
10.5090

Harmonies

Analogous

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



76.3768, 81.2791, 70.0501



73.0934, 81.2791, 73.4640



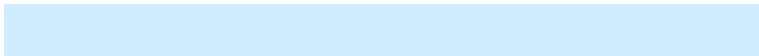
70.9730, 81.2791, 80.9546

Triad

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



73.0934, 81.2791, 73.4640



74.5720, 81.2791, 108.3150



84.4137, 81.2791, 86.0031

Complementary

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



73.0934, 81.2791, 73.4640



69.0150, 68.3932, 89.6888

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.



83.8937, 81.2791, 96.4984



73.0934, 81.2791, 73.4640



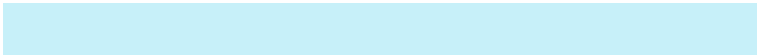
78.1366, 81.2791, 109.9325

Square

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



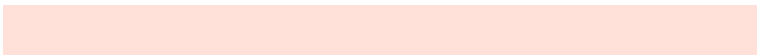
73.0934, 81.2791, 73.4640



71.8077, 81.2791, 101.1964



81.5682, 81.2791, 105.4572



82.9675, 81.2791, 76.9110

Rectangle

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



73.0934, 81.2791, 73.4640



70.4654, 81.2791, 87.5280



81.5682, 81.2791, 105.4572



84.4638, 81.2791, 89.4774

Sweetspot

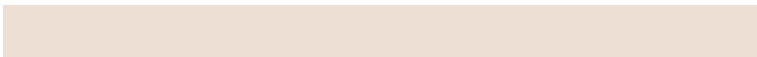
The Sweet Spot groups the original color and five complimentary colors.



73.0956, 81.2826, 73.4658



92.5552, 98.8534, 102.4816



72.9936, 75.3258, 72.3214



19.6705, 21.0942, 21.5774



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.



73.0956, 81.2826, 73.4658



84.7569, 95.2581, 82.9214



69.2824, 79.3169, 73.2873



15.6430, 17.2615, 16.0260



21.5140, 35.6353, 5.7444



1.8002, 2.8554, 0.4563

Inverse Universe

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



69.0150, 68.3932, 89.6888



79.1078, 77.4139, 105.3807



73.0759, 70.4867, 89.8789



14.8921, 14.8896, 19.0113



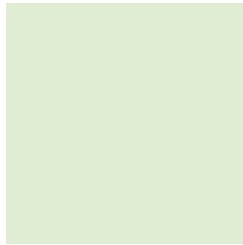
11.9643, 5.2038, 44.1168



1.0494, 0.4653, 3.4694

Previews

White Background



This preview shows how the XYZ color 73.0934, 81.2791, 73.4640 looks on a white background.

Color Contrast Check

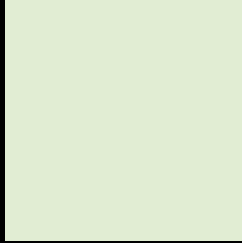
Large Text (above 18pt) WCAG AA × Fail

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 73.0934, 81.2791, 73.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

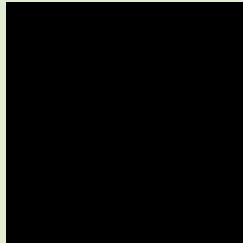
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

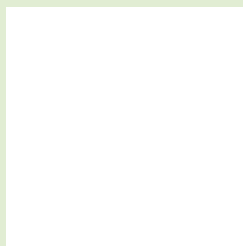
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0934, 81.2791, 73.4640

Background



This preview shows how black text looks on a background with the XYZ color 73.0934, 81.2791, 73.4640.



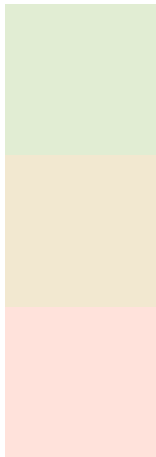
This preview shows how white text looks on a background with the XYZ color 73.0934, 81.2791,

73.4640.

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

73.0934, 81.2791, 73.4640

Protanopia

76.8597, 81.1445, 71.2860

Deuteranopia

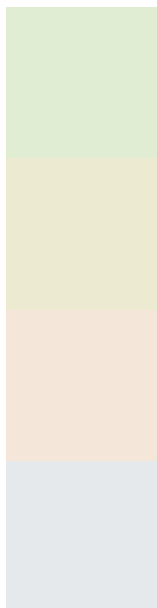
81.2225, 80.7672, 78.3266



Tritanopia

78.7862, 81.0429, 101.9328

Trichromacy



Original Color

73.0934, 81.2791, 73.4640

Protanomaly

75.5235, 81.2820, 72.0301

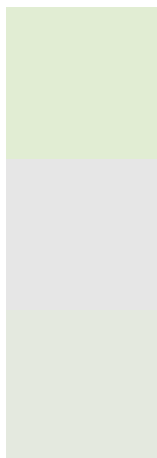
Deuteranomaly

77.9997, 80.7846, 76.4477

Tritanomaly

76.5923, 80.9920, 90.9530

Monochromacy



Original Color

73.0934, 81.2791, 73.4640

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4531, 80.0995, 81.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0934, 81.2791, 73.4640 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(225, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 211)  
}
```

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(225, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.0934, 81.2791, 73.4640 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(225, 237, 211) }
```


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

```
.border{ border-color:rgb(225, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 237,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0934, 81.2791, 73.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 211) }
```

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

```
.background{ background-color: rgb(225,  
237, 211) }
```

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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