

Converting Colors

XYZ(73.6997, 81.3555, 76.2695)

Have a look what the booklet for
XYZ(73.6997, 81.3555, 76.2695)
contains.

XYZ(73.9140, 81.6434, 76.1531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9140, 81.6434,
76.1531)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EDD7
RGB	226, 237, 215
RGB Percent	89%, 93%, 84%
CMY	0.1137, 0.0706, 0.1569
CMYK	0.05, 0.00, 0.09, 0.07
HSL	90°, 38%, 89%
HSV	90°, 9%, 93%
XYZ	73.9140, 81.6434, 76.1531
YIQ	231.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

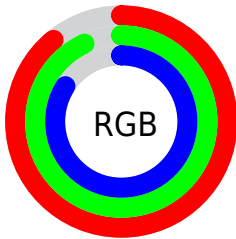
Format	Color
R_{YB}	215, 237, 226
Decimal	14872023
CIE Lab	92.42, -7.52, 9.40
CIE LCh	92, 12.034, 128.667
Yxy	81.6434, 0.3190, 0.3524
Android (android.graphics.Color)	4293062103 (0xFFE2EDD7)
YUV	231.2030, -7.9881, -4.5630
Hunter-Lab	90.3567, -12.1070, 13.2798

Details

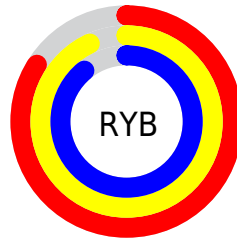
The XYZ color **73.9140, 81.6434, 76.1531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.9537, 70.8863, 90.0677**, and the grayscale version is **76.1661, 80.1326, 87.2645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6636, 44.2437, 39.7071** is the 20% darker color. If you saturate the color by 10%, you get **67.4979, 78.6650, 61.0906**, and if you desaturate by 10%, it is **81.0328, 84.9379, 93.5548**.

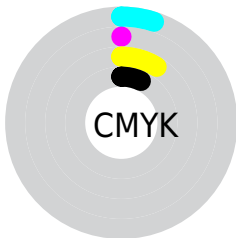
Distribution



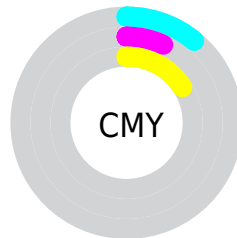
- Red (89%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9140, 81.6434, 76.1531 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 73.9140, 81.6434, 76.1531 by changing the saturation by 10% instead.

73.9140, 81.6434,
76.1531

73.9140, 81.6434,
76.1531

463.2314,
500.4541, 501.2324

55.0147, 61.0716,
56.0506

123.7700,
135.6738, 129.7054

39.6474, 44.2830,
39.8393

155.4575,
169.9013, 163.9923

27.4467, 30.8930,
27.1004

192.1383,
209.4494, 203.8444

18.0473, 20.5174,
17.4155

234.1780,
254.7026, 249.6803

11.0839, 12.7717,
10.3661

281.9418,
306.0453, 301.9185

6.1910, 7.2715,
5.5336

335.7950,

3.0033, 3.6325,

363.8618, 360.9776

2.4995

396.1031,
428.5366, 427.2760

■ 1.1555, 1.4702,
0.8399

■ 0.0708, 0.2676,
0.0000

■ 73.9140, 81.6434,
76.1531

■ 73.9140, 81.6434,
76.1531

■ 67.4979, 78.6650,
61.0906

■ 81.0328, 84.9379,
93.5548

■ 61.7538, 75.9817,
48.2623

■ 87.6551, 88.0614,
106.9854

■ 56.6583, 73.5864,
37.5630

■ 89.5758, 89.0516,
107.0753

■ 52.1840, 71.4675,
28.8771

■ 48.3012, 69.6123,
22.0780

■ 44.9773, 68.0071,
17.0245

■ 42.1755, 66.6367,
13.5559

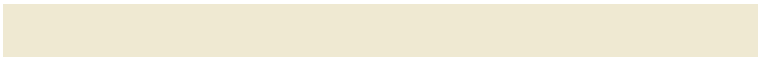
■ 39.8535, 65.4831,
11.4814

■ 37.9478, 64.5204,
10.5024

Harmonies

Analogous

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



76.6997, 81.6434, 72.9803



73.9140, 81.6434, 76.1531



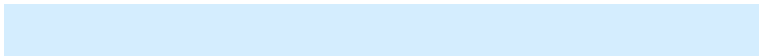
72.1484, 81.6434, 82.7951

Triad

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



73.9140, 81.6434, 76.1531



75.4391, 81.6434, 105.8664



83.6781, 81.6434, 86.3336

Complementary

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



73.9140, 81.6434, 76.1531



70.9537, 70.8863, 90.0677

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.



83.3187, 81.6434, 95.2890



73.9140, 81.6434, 76.1531



78.5065, 81.6434, 106.9716

Square

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



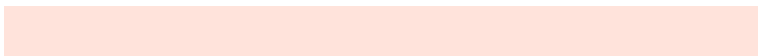
73.9140, 81.6434, 76.1531



73.0124, 81.6434, 100.0600



81.4057, 81.6434, 102.9861



82.3751, 81.6434, 78.5945

Rectangle

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



73.9140, 81.6434, 76.1531



71.7593, 81.6434, 88.4970



81.4057, 81.6434, 102.9861



83.7484, 81.6434, 89.2958

Sweetspot

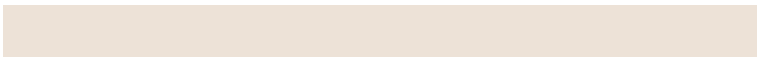
The Sweet Spot groups the original color and five complimentary colors.



73.9162, 81.6469, 76.1549



92.4490, 98.7986, 102.4766



74.3902, 77.3066, 75.2921



19.6419, 21.0795, 21.5761



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.



73.9162, 81.6469, 76.1549



85.8843, 95.7592, 86.5936



70.5766, 79.9253, 75.9986



15.5858, 17.2320, 16.0234



20.7999, 35.2672, 5.7110



1.7442, 2.8265, 0.4536

Inverse Universe

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



70.9537, 70.8863, 90.0677



81.7735, 80.8277, 105.8991



74.5147, 72.7220, 90.2344



14.9490, 14.9190, 19.0140



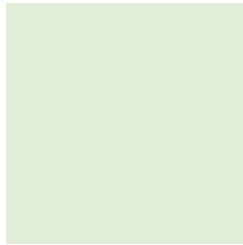
12.6151, 5.5393, 44.1473



1.1015, 0.4922, 3.4718

Previews

White Background



This preview shows how the XYZ color 73.9140, 81.6434, 76.1531 looks on a white background.

Color Contrast Check

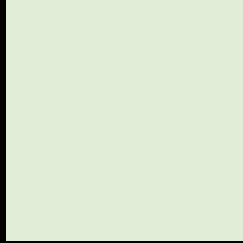
Large Text (above 18pt) WCAG AA × Fail

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 73.9140, 81.6434, 76.1531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

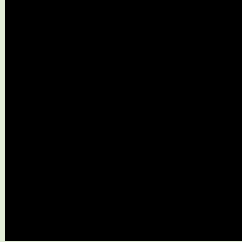
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

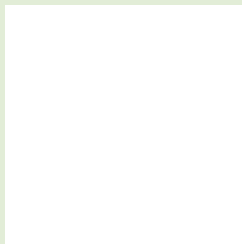
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9140, 81.6434, 76.1531

Background



This preview shows how black text looks on a background with the XYZ color 73.9140, 81.6434, 76.1531.

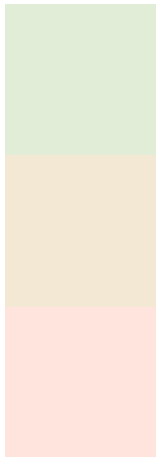


This preview shows how white text looks on a background with the XYZ color 73.9140, 81.6434,

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

73.9140, 81.6434, 76.1531

Protanopia

77.3582, 81.3439, 73.9111

Deuteranopia

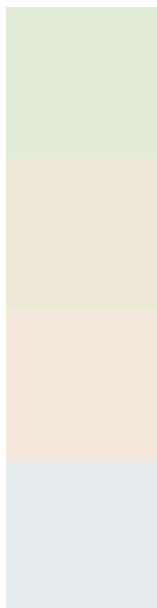
81.7602, 81.4186, 79.8128



Tritanopia

79.0669, 81.6043, 102.0264

Trichromacy



Original Color

73.9140, 81.6434, 76.1531

Protanomaly

76.0251, 81.4826, 74.6716

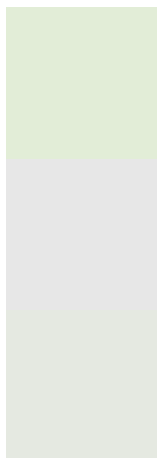
Deuteranomaly

78.6703, 81.4994, 78.6024

Tritanomaly

77.0220, 81.6181, 91.8151

Monochromacy



Original Color

73.9140, 81.6434, 76.1531

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.0426, 80.3721, 82.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9140, 81.6434, 76.1531 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(226, 237, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 237, 215)  
}
```

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(226, 237, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 237, 215) }
```

Border

The CSS property to change the border of an element to XYZ 73.9140, 81.6434, 76.1531 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(226, 237, 215) }
```


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

```
.border{ border-color:rgb(226, 237, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 237, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 237, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 237, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 237,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9140, 81.6434, 76.1531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 237, 215) }
```

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

```
.background{ background-color: rgb(226,  
237, 215) }
```

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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