

Converting Colors

XYZ(73.1373, 78.0943, 85.2810)

Have a look what the booklet for
XYZ(73.1373, 78.0943, 85.2810)
contains.

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Color

**XYZ(73.1801, 78.0981,
85.3462)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6E5
RGB	224, 230, 229
RGB Percent	88%, 90%, 90%
CMY	0.1216, 0.0980, 0.1020
CMYK	0.03, 0.00, 0.00, 0.10
HSL	170°, 11%, 89%
HSV	170°, 3%, 90%
XYZ	73.1801, 78.0981, 85.3462
YIQ	228.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

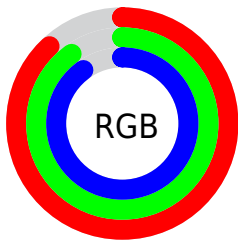
Format	Color
R_{YB}	224, 227, 230
Decimal	14739173
CIE Lab	90.82, -2.18, -0.22
CIE LCh	91, 2.192, 185.864
Yxy	78.0981, 0.3093, 0.3301
Android (android.graphics.Color)	4292929253 (0xFFE0E6E5)
YUV	228.0920, 0.4476, -3.5887
Hunter-Lab	88.3731, -6.8405, 4.6020

Details

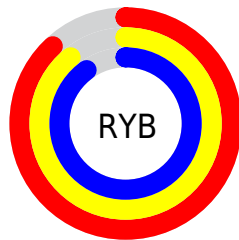
The XYZ color **73.1801, 78.0981, 85.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8822, 75.5725, 81.9835**, and the grayscale version is **73.8105, 77.6544, 84.5657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3321, 42.1510, 46.1073** is the 20% darker color. If you saturate the color by 10%, you get **65.9979, 74.4591, 82.2394**, and if you desaturate by 10%, it is **81.3429, 82.2457, 88.5642**.

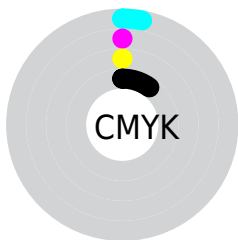
Distribution



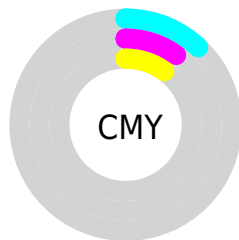
- Red (88%)
- Green (90%)
- Blue (90%)



- Red (88%)
- Yellow (89%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1801, 78.0981, 85.3462 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 73.1801, 78.0981, 85.3462 by changing the saturation by 10% instead.

■ 73.1801, 78.0981,
85.3462

■ 73.1801, 78.0981,
85.3462

460.7329,
488.4999, 532.9474

■ 54.4121, 58.1546,
63.5757

122.7346,
130.6884, 142.7352

■ 39.1632, 41.9329,
45.8631

154.2519,
164.1040, 179.1908

■ 27.0680, 29.0488,
31.7899

190.7496,
202.7790, 221.3785

■ 17.7612, 19.1177,
20.9376

232.5932,
247.0979, 269.7168

■ 10.8773, 11.7554,
12.8876

280.1479,
297.4450, 324.6243

■ 6.0511, 6.5773,
7.2214

333.7792,

■ 2.9171, 3.1992,

354.2048, 386.5196

3.5204

393.8524,
417.7616, 455.8211

■ 1.1101, 1.2366,
1.3661

■ 0.0335, 0.0913,
0.1151

■ 73.1801, 78.0981,
85.3462

■ 73.1801, 78.0981,
85.3462

■ 65.9979, 74.4591,
82.2394

■ 81.3429, 82.2457,
88.5642

■ 59.7511, 71.2987,
79.2365

■ 84.7795, 83.9532,
91.6218

■ 54.4008, 68.5992,
76.3369

■ 85.3466, 84.1800,
94.6081

■ 49.9030, 66.3378,
73.5381

■ 85.9259, 84.4117,
97.6582

■ 46.2095, 64.4897,
70.8374

■ 86.5173, 84.6483,
100.7725

■ 43.2678, 63.0278,
68.2320

■ 87.1209, 84.8897,
103.9514

■ 41.0186, 61.9216,
65.7186

■ 87.5883, 85.0767,
106.4128

■ 39.3937, 61.1359,
63.2937

■ 38.3111, 60.6285,
60.9531

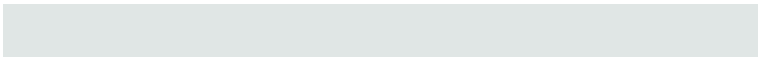
Harmonies

Analogous

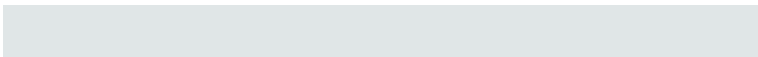
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2665, 78.0981, 83.7999



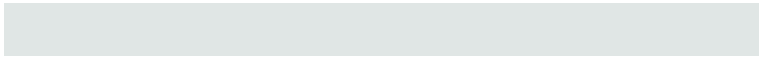
73.1801, 78.0981, 85.3462



73.3739, 78.0981, 86.8271

Triad

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



73.1801, 78.0981, 85.3462



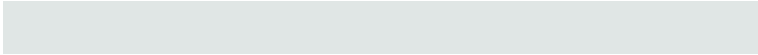
74.8529, 78.0981, 87.5204



74.6643, 78.0981, 82.2943

Complementary

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



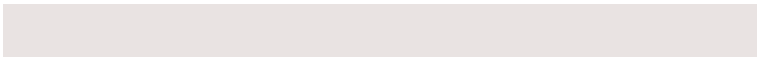
73.1801, 78.0981, 85.3462



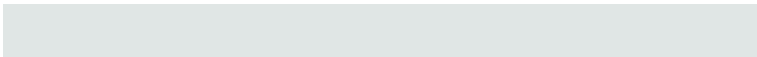
72.8822, 75.5725, 81.9835

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.



75.0925, 78.0981, 83.2688



73.1801, 78.0981, 85.3462



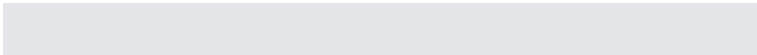
75.2018, 78.0981, 86.2833

Square

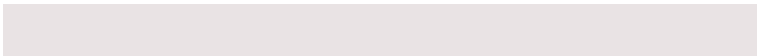
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



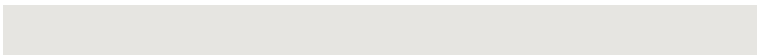
73.1801, 78.0981, 85.3462



74.3383, 78.0981, 88.0923



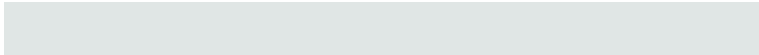
75.2897, 78.0981, 84.7257



74.1216, 78.0981, 82.0503

Rectangle

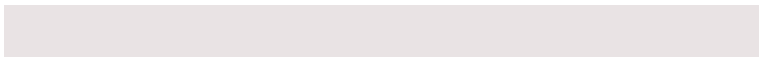
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



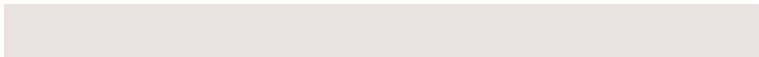
73.1801, 78.0981, 85.3462



73.6365, 78.0981, 87.5739



75.2897, 78.0981, 84.7257



74.8265, 78.0981, 82.5467

Sweetspot

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



73.1823, 78.1014, 85.3479



94.0495, 99.4921, 108.4953



72.8363, 78.0026, 81.7391



20.1410, 21.3008, 23.2267



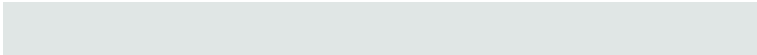
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

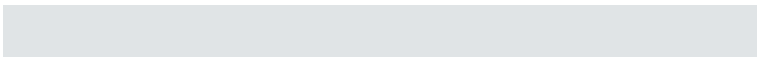
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1823, 78.1014, 85.3479



92.0861, 98.4957, 107.6899



72.7967, 77.1051, 85.9130



15.5889, 16.7443, 18.3247



21.4174, 34.1991, 33.7622



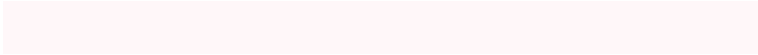
1.6103, 2.5382, 2.6402

Inverse Universe

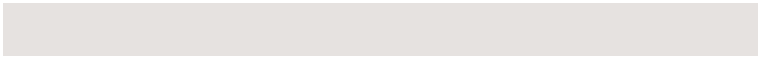
The Inverse Universe completely reimagines the original color for something new.



72.8822, 75.5725, 81.9835



91.6490, 94.8122, 102.7896



73.2595, 76.5456, 81.4355



15.4959, 15.9604, 17.2819



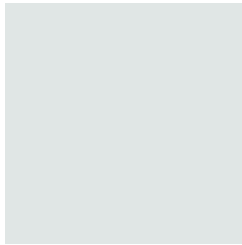
18.7074, 9.6172, 2.0882



1.4120, 0.7225, 0.3099

Previews

White Background



This preview shows how the XYZ color 73.1801, 78.0981, 85.3462 looks on a white background.

Color Contrast Check

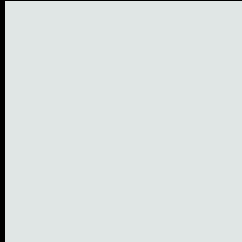
Large Text (above 18pt) WCAG AA × Fail

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 73.1801, 78.0981, 85.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

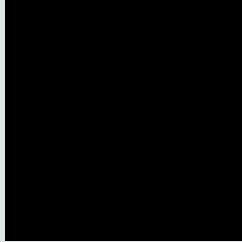
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

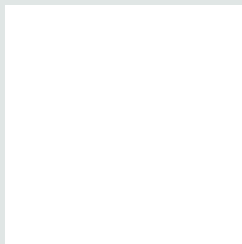
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1801, 78.0981, 85.3462

Background



This preview shows how black text looks on a background with the XYZ color 73.1801, 78.0981, 85.3462.



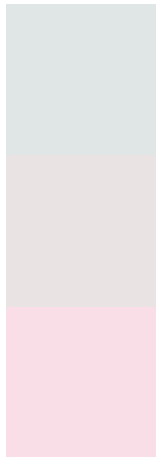
This preview shows how white text looks on a background with the XYZ color 73.1801, 78.0981, 85.3462.

85.3462.

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

73.1801, 78.0981, 85.3462

Protanopia

75.0769, 77.8632, 84.4709

Deuteranopia

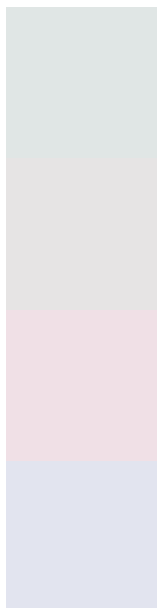
79.3472, 77.6222, 86.4018



Tritanopia

75.6291, 77.8616, 97.4289

Trichromacy



Original Color

73.1801, 78.0981, 85.3462

Protanomaly

74.3801, 77.9112, 84.5169

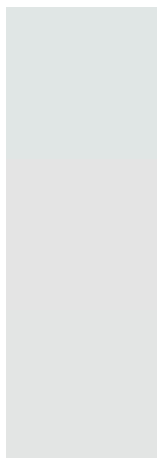
Deuteranomaly

76.8738, 77.5497, 85.7798

Tritanomaly

74.6874, 77.8876, 92.7587

Monochromacy



Original Color

73.1801, 78.0981, 85.3462

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7015, 77.9710, 84.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1801, 78.0981, 85.3462 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(224, 230, 229) looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 229)  
}
```

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(224, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.1801, 78.0981, 85.3462 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(224, 230, 229) }
```


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

```
.border{ border-color:rgb(224, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1801, 78.0981, 85.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 229) }
```

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

```
.background{ background-color: rgb(224,  
230, 229) }
```

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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