

Converting Colors

XYZ(73.0583, 78.1224, 85.8277)

Have a look what the booklet for
XYZ(73.0583, 78.1224, 85.8277)
contains.

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Color

**XYZ(73.0112, 77.9948,
86.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE6E6
RGB	223, 230, 230
RGB Percent	87%, 90%, 90%
CMY	0.1255, 0.0980, 0.0980
CMYK	0.03, 0.00, 0.00, 0.10
HSL	180°, 12%, 89%
HSV	180°, 3%, 90%
XYZ	73.0112, 77.9948, 86.0693
YIQ	227.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

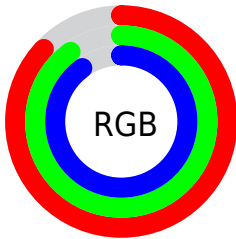
Format	Color
R _Y B	223, 227, 230
Decimal	14673638
CIE Lab	90.78, -2.33, -0.82
CIE LCh	91, 2.472, 199.483
Yxy	77.9948, 0.3080, 0.3290
Android (android.graphics.Color)	4292863718 (0xFFDFE6E6)
YUV	227.9070, 1.0318, -4.3034
Hunter-Lab	88.3147, -6.9817, 4.0377

Details

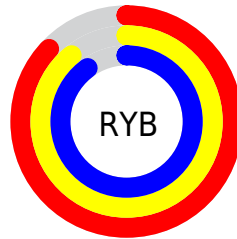
The XYZ color **73.0112, 77.9948, 86.0693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3430, 74.9282, 80.4656**, and the grayscale version is **73.6716, 77.5083, 84.4065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2163, 42.0799, 46.6128** is the 20% darker color. If you saturate the color by 10%, you get **66.3995, 74.5887, 85.7524**, and if you desaturate by 10%, it is **80.5900, 81.9038, 86.4347**.

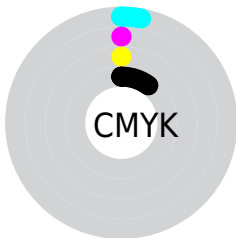
Distribution



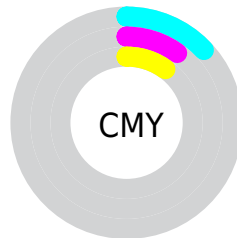
- Red (87%)
- Green (90%)
- Blue (90%)



- Red (87%)
- Yellow (89%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0112, 77.9948, 86.0693 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 73.0112, 77.9948, 86.0693 by changing the saturation by 10% instead.

■ 73.0112, 77.9948,
86.0693

■ 73.0112, 77.9948,
86.0693

460.1568,
488.1492, 535.3963

■ 54.2735, 58.0697,
64.1701

122.4962,
130.5428, 143.7536

■ 39.0519, 41.8647,
46.3414

153.9742,
163.9345, 180.3757

■ 26.9810, 28.9954,
32.1647

190.4296,
202.5838, 222.7426

■ 17.6955, 19.0773,
21.2214

232.2280,
246.8752, 271.2726

■ 10.8299, 11.7262,
13.0932

279.7345,
297.1930, 326.3845

■ 6.0191, 6.5575,
7.3612

333.3146,

■ 2.8974, 3.1869,

353.9217, 388.4967

3.6072

393.3336,
417.4456, 458.0278

■ 1.0998, 1.2301,
1.4124

■ 0.0249, 0.0861,
0.1514

■ 73.0112, 77.9948,
86.0693

■ 73.0112, 77.9948,
86.0693

■ 66.3995, 74.5887,
85.7524

■ 80.5900, 81.9038,
86.4347

■ 60.7096, 71.6557,
85.4770


■ 83.8249, 83.5713,
86.5951


■ 55.9027, 69.1778,
85.2430


■ 83.8267, 83.5720,
86.6043


■ 51.9345, 67.1324,
85.0482


■ 83.8284, 83.5727,
86.6135


 48.7570, 65.4945,
84.8904


 83.8302, 83.5734,
86.6226


 46.3172, 64.2369,
84.7672


 83.8319, 83.5741,
86.6318


 44.5558, 63.3291,
84.6757

 83.8336, 83.5747,
86.6410

 43.4041, 62.7356,
84.6127

 83.8354, 83.5754,
86.6501

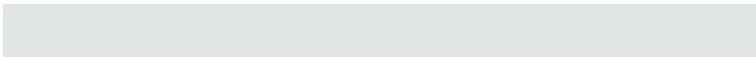
 42.7794, 62.4137,
84.5744

 83.8371, 83.5761,
86.6593

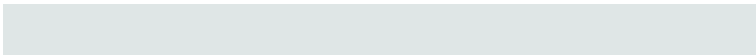
Harmonies

Analogous

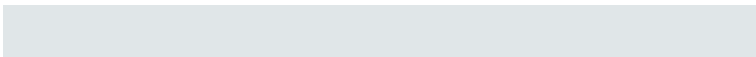
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9634, 77.9948, 84.3001



73.0112, 77.9948, 86.0693



73.3583, 77.9948, 87.5506

Triad

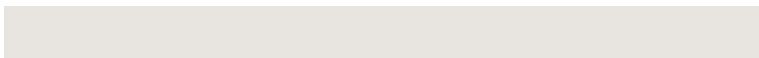
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0112, 77.9948, 86.0693



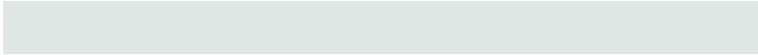
75.0436, 77.9948, 87.1652



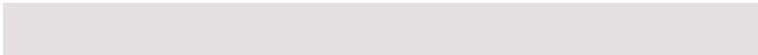
74.3500, 77.9948, 81.6035

Complementary

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



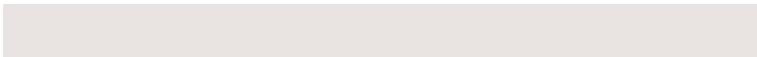
73.0112, 77.9948, 86.0693



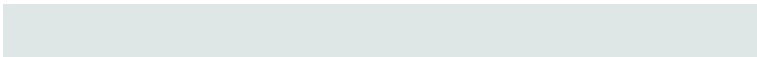
72.3430, 74.9282, 80.4656

Split Complementary

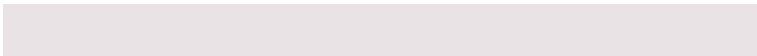
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9105, 77.9948, 82.3486



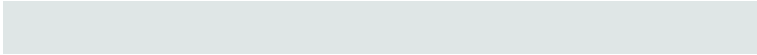
73.0112, 77.9948, 86.0693



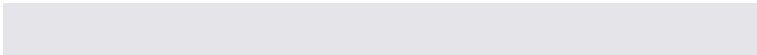
75.3125, 77.9948, 85.5491

Square

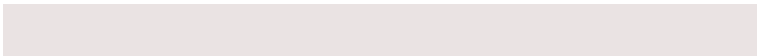
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



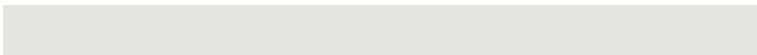
73.0112, 77.9948, 86.0693



74.5309, 77.9948, 88.1895



75.2636, 77.9948, 83.7871



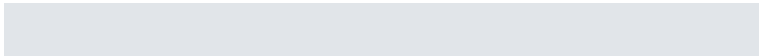
73.7340, 77.9948, 81.7384

Rectangle

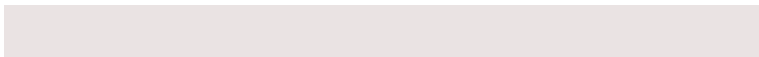
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



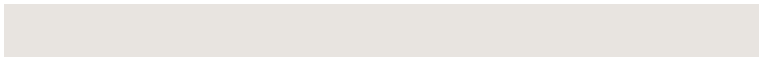
73.0112, 77.9948, 86.0693



73.7138, 77.9948, 88.1678



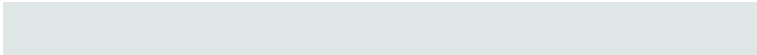
75.2636, 77.9948, 83.7871



74.5512, 77.9948, 81.7589

Sweetspot

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



73.0134, 77.9981, 86.0710



94.1178, 99.5195, 108.8552



72.0858, 77.6312, 80.9983



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

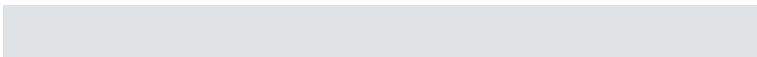
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0134, 77.9981, 86.0710



91.3956, 98.1162, 108.7244



72.0810, 76.1324, 85.7628



15.4904, 16.6885, 18.5482



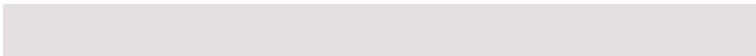
24.0966, 35.2707, 47.8703



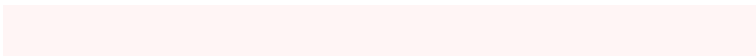
1.7808, 2.6064, 3.5380

Inverse Universe

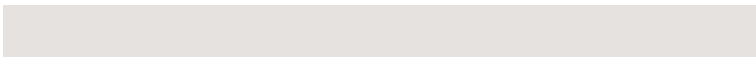
The Inverse Universe completely reimagines the original color for something new.



72.3430, 74.9282, 80.4656



90.2837, 93.0246, 99.4277



73.2560, 76.7550, 80.7675



15.2685, 15.6723, 16.6927



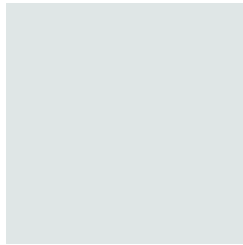
18.4756, 9.5244, 0.8674



1.3654, 0.7039, 0.0647

Previews

White Background



This preview shows how the XYZ color 73.0112, 77.9948, 86.0693 looks on a white background.

Color Contrast Check

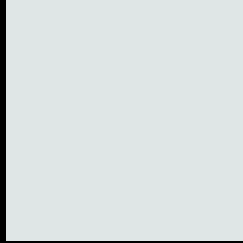
Large Text (above 18pt) WCAG AA × Fail

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 73.0112, 77.9948, 86.0693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

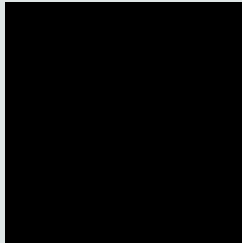
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

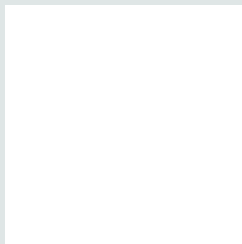
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0112, 77.9948, 86.0693

Background



This preview shows how black text looks on a background with the XYZ color 73.0112, 77.9948, 86.0693.



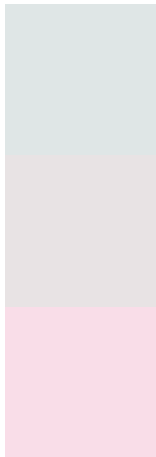
This preview shows how white text looks on a background with the XYZ color 73.0112, 77.9948,

86.0693.

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

73.0112, 77.9948, 86.0693

Protanopia

74.7514, 77.6954, 84.4557

Deuteranopia

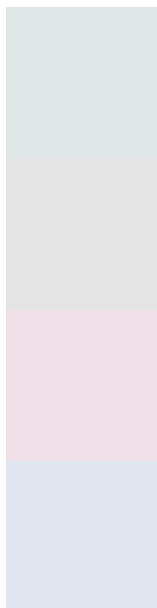
79.4889, 77.6788, 87.1479



Tritanopia

75.4293, 78.1482, 98.2973

Trichromacy



Original Color

73.0112, 77.9948, 86.0693

Protanomaly

74.1994, 77.8020, 85.2353

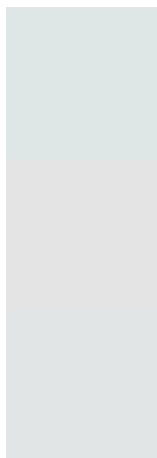
Deuteranomaly

77.0146, 77.6061, 86.5217

Tritanomaly

74.4880, 78.1772, 93.6018

Monochromacy



Original Color

73.0112, 77.9948, 86.0693

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5262, 77.8645, 85.2828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0112, 77.9948, 86.0693 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(223, 230, 230) looks like.

```
.text, #text, p{  
    color:rgb(223, 230, 230)  
}
```

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(223, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.0112, 77.9948, 86.0693 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(223, 230, 230) }
```


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

```
.border{ border-color:rgb(223, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(223, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0112, 77.9948, 86.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 230, 230) }
```

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

```
.background{ background-color: rgb(223,  
230, 230) }
```

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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