

Converting Colors

XYZ(73.1368, 78.1299, 89.6466)

Have a look what the booklet for
XYZ(73.1368, 78.1299, 89.6466)
contains.

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Color

**XYZ(73.1110, 77.9639,
89.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6EB
RGB	221, 230, 235
RGB Percent	87%, 90%, 92%
CMY	0.1333, 0.0980, 0.0784
CMYK	0.06, 0.02, 0.00, 0.08
HSL	201°, 26%, 89%
HSV	201°, 6%, 92%
XYZ	73.1110, 77.9639, 89.7924
YIQ	227.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

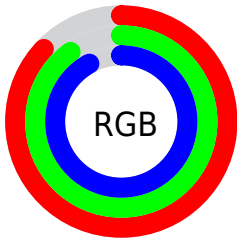
Format	Color
R _Y B	221, 226, 235
Decimal	14542571
CIE Lab	90.76, -2.06, -3.48
CIE LCh	91, 4.043, 239.344
Yxy	77.9639, 0.3035, 0.3237
Android (android.graphics.Color)	4292732651 (0xFFDDE6EB)
YUV	227.8790, 3.5107, -6.0329
Hunter-Lab	88.2972, -6.7201, 1.5140

Details

The XYZ color **73.1110, 77.9639, 89.7924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5087, 77.2747, 79.3964**, and the grayscale version is **73.6350, 77.4698, 84.3646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1925, 42.0216, 48.6931** is the 20% darker color. If you saturate the color by 10%, you get **64.1732, 69.9764, 88.7229**, and if you desaturate by 10%, it is **83.1671, 86.6990, 90.9496**.

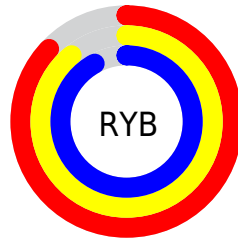
Distribution



Red (87%)

Green (90%)

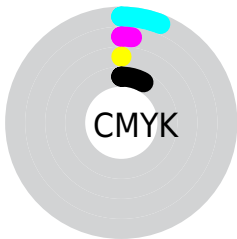
Blue (92%)



Red (87%)

Yellow (89%)

Blue (92%)

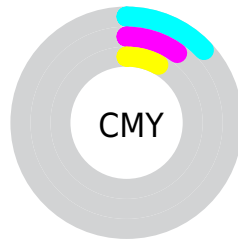


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1110, 77.9639, 89.7924 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 73.1110, 77.9639, 89.7924 by changing the saturation by 10% instead.

■ 73.1110, 77.9639,
89.7924

■ 73.1110, 77.9639,
89.7924

460.4973,
488.0442, 547.9080

■ 54.3554, 58.0443,
67.2357

122.6371,
130.4992, 148.9830

■ 39.1177, 41.8443,
48.8134

154.1383,
163.8838, 186.4540

■ 27.0324, 28.9794,
34.1069

190.6187,
202.5254, 229.7335

■ 17.7343, 19.0652,
22.6977

232.4438,
246.8086, 279.2401

■ 10.8579, 11.7174,
14.1673

279.9788,
297.1177, 335.3923

■ 6.0380, 6.5516,
8.0970

333.5892,

■ 2.9091, 3.1833,

353.8370, 398.6087

4.0684

393.6402,
417.3511, 469.3077

■ 1.1059, 1.2281,
1.6630

■ 0.0300, 0.0845,
0.3352

■ 73.1110, 77.9639,
89.7924

■ 73.1110, 77.9639,
89.7924

■ 64.1732, 69.9764,
88.7229

■ 83.1671, 86.6990,
90.9496

■ 56.3040, 62.7020,
87.7336

■ 89.4289, 93.6448,
91.9603

■ 49.4598, 56.1181,
86.8235

■ 91.9956, 98.7782,
92.8158

■ 43.5914, 50.1968,
85.9899

■ 38.6450, 44.9079,
85.2297

■ 34.5613, 40.2185,
84.5398

■ 31.2735, 36.0913,
83.9165

■ 28.7039, 32.4837,
83.3555

■ 26.7565, 29.3435,
82.8521

Harmonies

Analogous

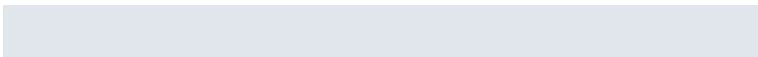
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4129, 77.9639, 87.6600



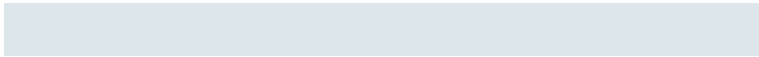
73.1110, 77.9639, 89.7924



74.0800, 77.9639, 90.6060

Triad

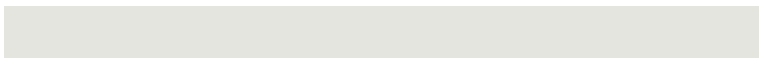
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1110, 77.9639, 89.7924



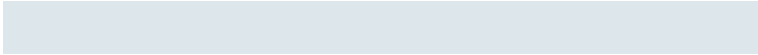
76.0724, 77.9639, 84.9535



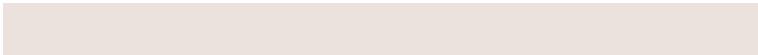
73.1494, 77.9639, 80.1066

Complementary

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



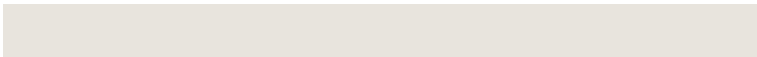
73.1110, 77.9639, 89.7924



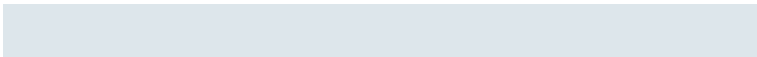
74.5087, 77.2747, 79.3964

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.



74.1247, 77.9639, 79.4185



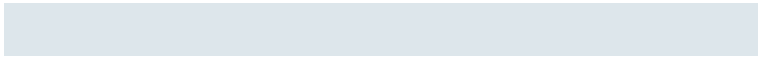
73.1110, 77.9639, 89.7924



75.8178, 77.9639, 82.1779

Square

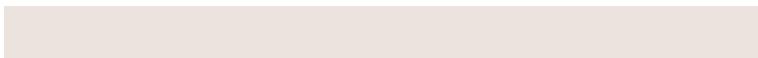
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1110, 77.9639, 89.7924



75.7951, 77.9639, 87.7734



75.1026, 77.9639, 80.1683



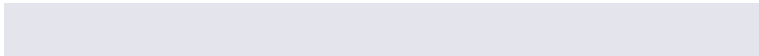
72.4350, 77.9639, 82.0693

Rectangle

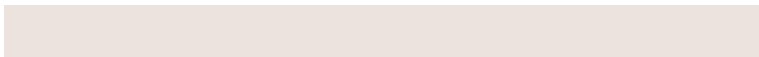
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1110, 77.9639, 89.7924



74.7511, 77.9639, 90.2770



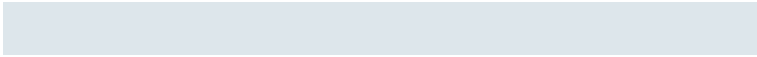
75.1026, 77.9639, 80.1683



73.4573, 77.9639, 79.7206

Sweetspot

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



73.1132, 77.9672, 89.7941



92.6206, 97.8897, 108.6207



73.2421, 80.2756, 83.5153



19.8501, 20.9746, 23.2522



0.0000, 0.0000, 0.0000



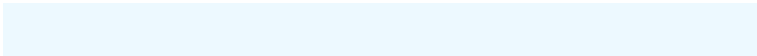
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1132, 77.9672, 89.7941



86.7864, 92.7729, 107.9406



71.2299, 74.2005, 89.1663



15.4145, 16.4979, 19.2942



14.6412, 15.9295, 46.0460



1.2400, 1.4314, 3.6458

Inverse Universe

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



74.4021, 75.0898, 85.4391



88.6088, 88.7317, 101.7766



76.4239, 81.1051, 80.0348



15.7647, 15.7239, 18.1091



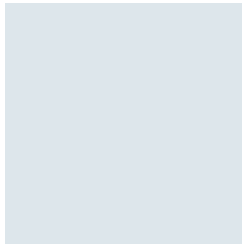
22.2455, 11.1009, 17.6261



1.7924, 0.8899, 1.6240

Previews

White Background



This preview shows how the XYZ color 73.1110, 77.9639, 89.7924 looks on a white background.

Color Contrast Check

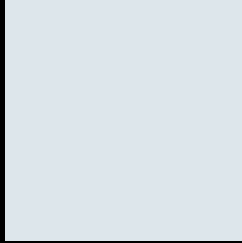
Large Text (above 18pt) WCAG AA × Fail

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 73.1110, 77.9639, 89.7924 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

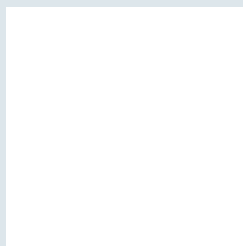
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1110, 77.9639, 89.7924

Background



This preview shows how black text looks on a background with the XYZ color 73.1110, 77.9639, 89.7924.



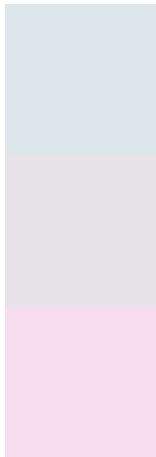
This preview shows how white text looks on a background with the XYZ color 73.1110, 77.9639,

89.7924.

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

73.1110, 77.9639, 89.7924

Protanopia

75.1321, 77.8103, 88.1498

Deuteranopia

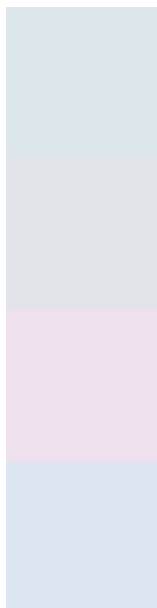
79.5003, 77.6015, 90.9092



Tritanopia

74.8094, 77.8286, 98.2683

Trichromacy



Original Color

73.1110, 77.9639, 89.7924

Protanomaly

74.2732, 77.7582, 88.9361

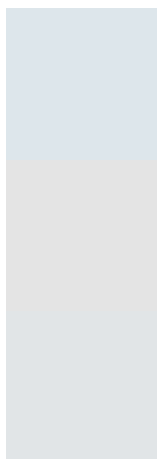
Deuteranomaly

77.0559, 77.5446, 90.2632

Tritanomaly

74.1705, 77.9790, 95.1467

Monochromacy



Original Color

73.1110, 77.9639, 89.7924

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4945, 77.8157, 86.7477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1110, 77.9639, 89.7924 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(221, 230, 235) looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 235)  
}
```

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(221, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.1110, 77.9639, 89.7924 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(221, 230, 235) }
```


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

```
.border{ border-color:rgb(221, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1110, 77.9639, 89.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 235) }
```

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

```
.background{ background-color: rgb(221,  
230, 235) }
```

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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