

Converting Colors

XYZ(73.1924, 77.7113, 83.1217)

Have a look what the booklet for
XYZ(73.1924, 77.7113, 83.1217)
contains.

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Color

**XYZ(73.1108, 77.6984,
83.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E5E2
RGB	226, 229, 226
RGB Percent	89%, 90%, 89%
CMY	0.1137, 0.1019, 0.1137
CMYK	0.01, 0.00, 0.01, 0.10
HSL	120°, 5%, 89%
HSV	120°, 1%, 90%
XYZ	73.1108, 77.6984, 83.0954
YIQ	227.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 229, 229
Decimal	14869986
CIE Lab	90.64, -1.54, 1.10
CIE LCh	91, 1.890, 144.521
Yxy	77.6984, 0.3126, 0.3322
Android (android.graphics.Color)	4293060066 (0xFFE2E5E2)
YUV	227.7610, -0.8682, -1.5444
Hunter-Lab	88.1467, -6.2049, 5.8103

Details

The XYZ color **73.1108, 77.6984, 83.0954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6552, 76.7098, 85.0571**, and the grayscale version is **73.5766, 77.4084, 84.2977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2813, 41.8703, 44.5395** is the 20% darker color. If you saturate the color by 10%, you get **63.4686, 73.0690, 67.3224**, and if you desaturate by 10%, it is **84.1362, 82.9968, 101.1270**.

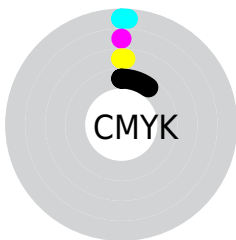
Distribution



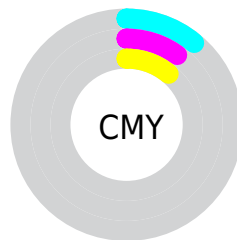
- Red (89%)
- Green (90%)
- Blue (89%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1108, 77.6984, 83.0954 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 73.1108, 77.6984, 83.0954 by changing the saturation by 10% instead.

■ 73.1108, 77.6984,
83.0954

■ 73.1108, 77.6984,
83.0954

460.4966,
487.1420, 525.2837

■ 54.3553, 57.8263,
61.7278

122.6368,
130.1249, 139.5595

■ 39.1176, 41.6690,
44.3784

154.1379,
163.4480, 175.4931

■ 27.0323, 28.8422,
30.6287

190.6183,
202.0236, 217.1190

■ 17.7342, 18.9615,
20.0602

232.4433,
246.2360, 264.8559

■ 10.8579, 11.6424,
12.2543

279.9783,
296.4696, 319.1223

■ 6.0379, 6.5007,
6.7925

333.5886,

■ 2.9090, 3.1519,

353.1089, 380.3367

3.2562

393.6396,
416.5382, 448.9177

■ 1.1058, 1.2115,
1.2269

■ 0.0300, 0.0711,
0.0007

■ 73.1108, 77.6984,
83.0954

■ 73.1108, 77.6984,
83.0954

■ 63.4686, 73.0690,
67.3224

■ 84.1362, 82.9968,
101.1270

■ 55.1488, 69.0726,
53.7142

■ 87.3108, 84.5217,
106.3203

■ 48.0958, 65.6847,
42.1779

■ 42.2474, 62.8754,
32.6119

■ 37.5364, 60.6125,
24.9061

■ 33.8889, 58.8604,
18.9397

■ 31.2220, 57.5794,
14.5773

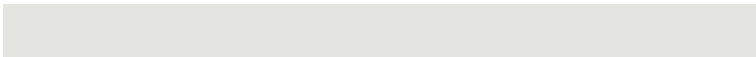
■ 29.4411, 56.7239,
11.6641

■ 28.4327, 56.2395,
10.0143

Harmonies

Analogous

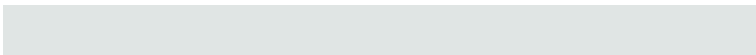
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4726, 77.6984, 82.2493



73.1108, 77.6984, 83.0954



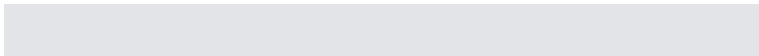
72.9471, 77.6984, 84.3515

Triad

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



73.1108, 77.6984, 83.0954



73.7631, 77.6984, 87.2235



74.6817, 77.6984, 83.5224

Complementary

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



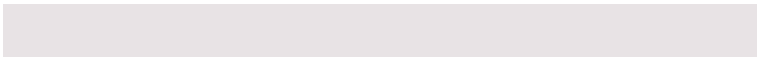
73.1108, 77.6984, 83.0954



73.6552, 76.7098, 85.0571

Split Complementary

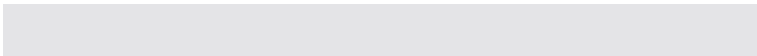
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7603, 77.6984, 84.8497



73.1108, 77.6984, 83.0954



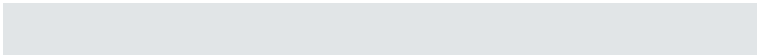
74.2286, 77.6984, 86.9958

Square

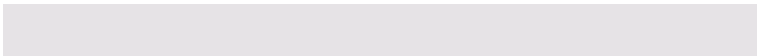
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



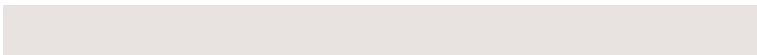
73.1108, 77.6984, 83.0954



73.3226, 77.6984, 86.7423



74.5942, 77.6984, 86.1234



74.3799, 77.6984, 82.4940

Rectangle

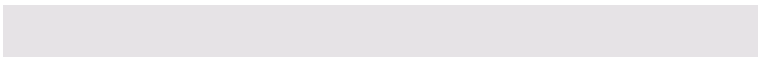
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1108, 77.6984, 83.0954



72.9718, 77.6984, 85.2560



74.5942, 77.6984, 86.1234



74.7352, 77.6984, 83.9480

Sweetspot

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



73.1130, 77.7017, 83.0971

95.0500, 100.0000, 108.9000



74.0634, 78.1917, 83.1415



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



73.1130, 77.7017, 83.0971



92.3882, 98.7214, 104.5463



73.3201, 77.7846, 84.1874



15.7924, 16.8592, 17.8842



16.0201, 32.0402, 5.3403



1.1838, 2.3677, 0.3947

Inverse Universe

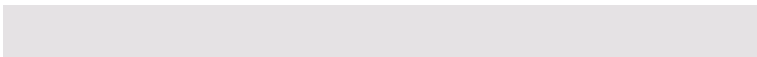
The Inverse Universe completely reimagines the original color for something new.



73.6552, 76.7098, 85.0571



93.4445, 96.7891, 108.3646



73.4463, 76.6263, 83.9572



15.9620, 16.5490, 18.4973



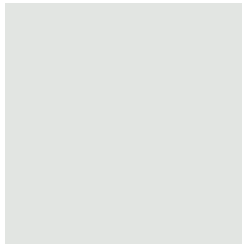
26.5603, 12.7583, 43.4408



1.9627, 0.9428, 3.2102

Previews

White Background



This preview shows how the XYZ color 73.1108, 77.6984, 83.0954 looks on a white background.

Color Contrast Check

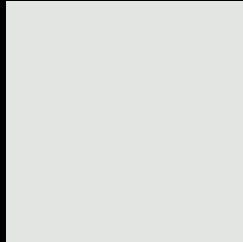
Large Text (above 18pt) WCAG AA × Fail

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 73.1108, 77.6984, 83.0954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

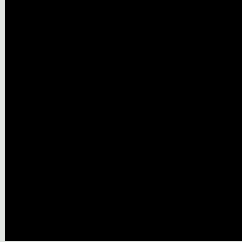
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

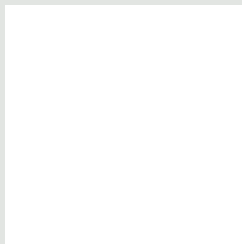
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1108, 77.6984, 83.0954

Background



This preview shows how black text looks on a background with the XYZ color 73.1108, 77.6984, 83.0954.



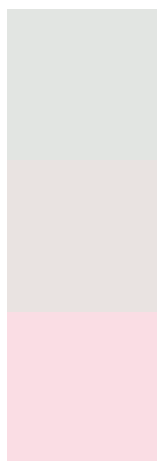
This preview shows how white text looks on a background with the XYZ color 73.1108, 77.6984,

83.0954.

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

73.1108, 77.6984, 83.0954

Protanopia

74.6640, 77.6981, 82.2962

Deuteranopia

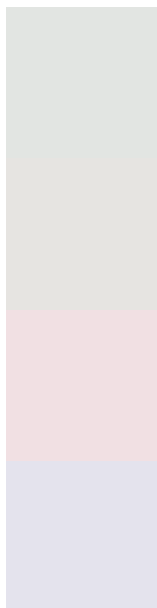
79.2844, 77.6383, 84.2057



Tritanopia

75.8386, 77.5824, 96.5657

Trichromacy



Original Color

73.1108, 77.6984, 83.0954

Protanomaly

73.9671, 77.7460, 82.3422

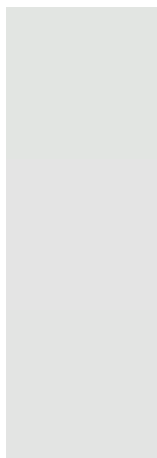
Deuteranomaly

76.7964, 77.5581, 83.5957

Tritanomaly

74.7501, 77.5466, 91.1490

Monochromacy



Original Color

73.1108, 77.6984, 83.0954

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2871, 77.3637, 83.7431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1108, 77.6984, 83.0954 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, 229, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 226)  
}
```

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, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.1108, 77.6984, 83.0954 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, 229, 226) }
```

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

```
.border{ border-color:rgb(226, 229, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 229, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 229, 226); box-shadow:4px 4px 4px 4px rgb(226, 229, 226) }
```


Background

The CSS property to change the background color of an element to XYZ 73.1108, 77.6984, 83.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 226) }
```

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

```
.background{ background-color: rgb(226,  
229, 226) }
```

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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