

Converting Colors

XYZ(73.2399, 78.7647, 83.6488)

Have a look what the booklet for
XYZ(73.2399, 78.7647, 83.6488)
contains.

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Color

**XYZ(73.0439, 78.4901,
83.2518)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E7E2
RGB	224, 231, 226
RGB Percent	88%, 91%, 89%
CMY	0.1216, 0.0941, 0.1137
CMYK	0.03, 0.00, 0.02, 0.09
HSL	137°, 13%, 89%
HSV	137°, 3%, 91%
XYZ	73.0439, 78.4901, 83.2518
YIQ	228.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

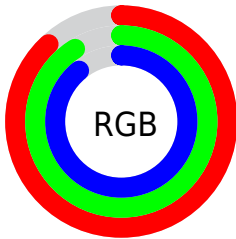
Format	Color
R_YB	224, 229, 231
Decimal	14739426
CIE Lab	91.00, -3.23, 1.60
CIE LCh	91, 3.611, 153.615
Yxy	78.4901, 0.3111, 0.3343
Android (android.graphics.Color)	4292929506 (0xFFE0E7E2)
YUV	228.3370, -1.1521, -3.8035
Hunter-Lab	88.5946, -7.8722, 6.3018

Details

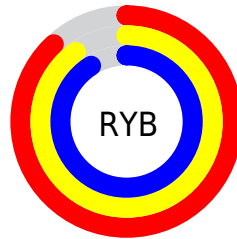
The XYZ color **73.0439, 78.4901, 83.2518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7565, 75.9595, 84.9070**, and the grayscale version is **74.0009, 77.8547, 84.7838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0428, 42.0352, 44.5839** is the 20% darker color. If you saturate the color by 10%, you get **64.2086, 74.1868, 71.5805**, and if you desaturate by 10%, it is **83.0743, 83.3888, 96.1203**.

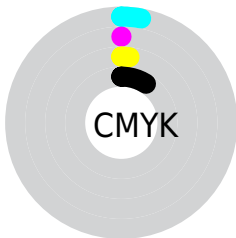
Distribution



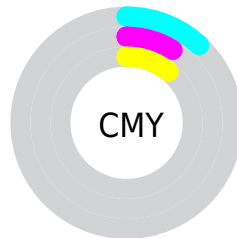
- Red (88%)
- Green (91%)
- Blue (89%)



- Red (88%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0439, 78.4901, 83.2518 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 73.0439, 78.4901, 83.2518 by changing the saturation by 10% instead.

■ 73.0439, 78.4901,
83.2518

■ 73.0439, 78.4901,
83.2518

460.2684,
489.8297, 525.8183

■ 54.3004, 58.4767,
61.8561

122.5423,
131.2408, 139.7805

■ 39.0735, 42.1920,
44.4814

154.0279,
164.7468, 175.7505

■ 26.9979, 29.2516,
30.7092

190.4916,
203.5192, 217.4157

■ 17.7082, 19.2713,
20.1209

232.2987,
247.9423, 265.1946

■ 10.8391, 11.8665,
12.2980

279.8146,
298.4005, 319.5058

■ 6.0252, 6.6528,
6.8220

333.4046,

■ 2.9012, 3.2459,

355.2782, 380.7678

3.2743

393.4340,
418.9598, 449.3991

■ 1.1018, 1.2614,
1.2363

■ 0.0266, 0.1110,
0.0087

■ 73.0439, 78.4901,
83.2518

■ 73.0439, 78.4901,
83.2518

■ 64.2086, 74.1868,
71.5805

■ 83.0743, 83.3888,
96.1203

■ 56.5167, 70.4462,
61.0671

■ 87.8674, 85.6348,
106.5058

■ 49.9225, 67.2477,
51.6777

■ 44.3745, 64.5657,
43.3747

■ 39.8171, 62.3721,
36.1187

■ 36.1893, 60.6365,
29.8677

■ 33.4231, 59.3247,
24.5766

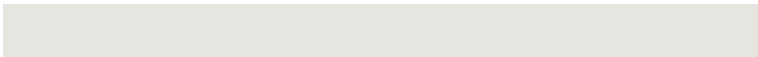
■ 31.4406, 58.3976,
20.1973

■ 30.1488, 57.8082,
16.6768

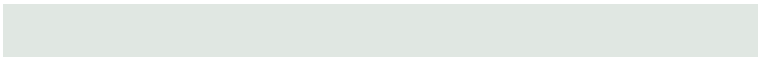
Harmonies

Analogous

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



73.6367, 78.4901, 81.3514



73.0439, 78.4901, 83.2518



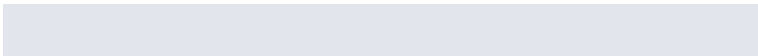
72.8675, 78.4901, 85.7792

Triad

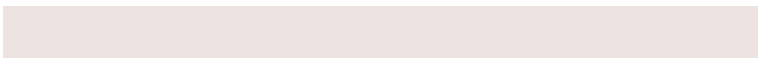
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0439, 78.4901, 83.2518



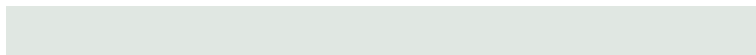
74.7130, 78.4901, 90.5687



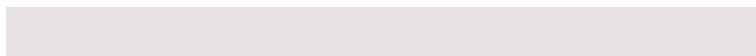
76.0711, 78.4901, 82.7144

Complementary

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



73.0439, 78.4901, 83.2518



73.7565, 75.9595, 84.9070

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.



76.3648, 78.4901, 85.1464



73.0439, 78.4901, 83.2518



75.5767, 78.4901, 89.7096

Square

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



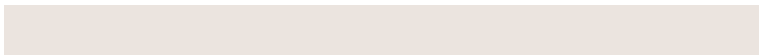
73.0439, 78.4901, 83.2518



73.8266, 78.4901, 90.0368



76.1831, 78.4901, 87.7117



75.3838, 78.4901, 81.0456

Rectangle

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



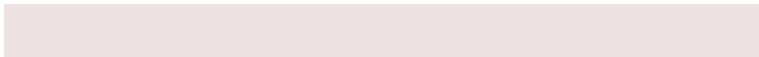
73.0439, 78.4901, 83.2518



73.0086, 78.4901, 87.4883



76.1831, 78.4901, 87.7117



76.2194, 78.4901, 83.4680

Sweetspot

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



73.0461, 78.4935, 83.2535



93.8261, 99.4028, 107.3189



74.3520, 79.1982, 81.8903



20.0955, 21.2826, 22.9873



0.0000, 0.0000, 0.0000



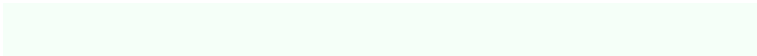
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0461, 78.4935, 83.2535



90.2452, 97.6560, 102.6665



73.5295, 78.6868, 85.7991



15.2605, 16.5965, 17.3375



16.6170, 32.2789, 8.4834



1.2670, 2.4009, 0.8324

Inverse Universe

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



73.7565, 75.9595, 84.9070



91.4165, 93.4777, 105.3929



73.2744, 75.7667, 82.3685



15.4943, 15.7626, 17.8816



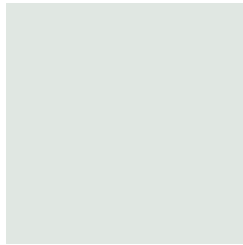
22.3403, 11.0703, 21.2189



1.6904, 0.8339, 1.7761

Previews

White Background



This preview shows how the XYZ color 73.0439, 78.4901, 83.2518 looks on a white background.

Color Contrast Check

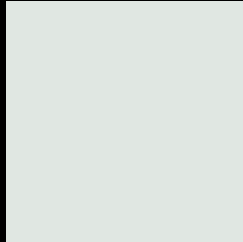
Large Text (above 18pt) WCAG AA × Fail

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 73.0439, 78.4901, 83.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

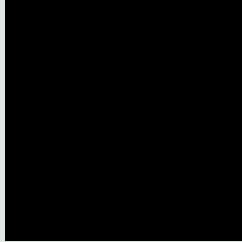
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

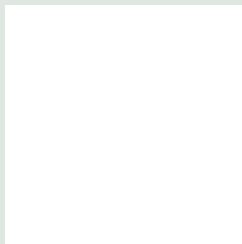
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0439, 78.4901, 83.2518

Background



This preview shows how black text looks on a background with the XYZ color 73.0439, 78.4901, 83.2518.



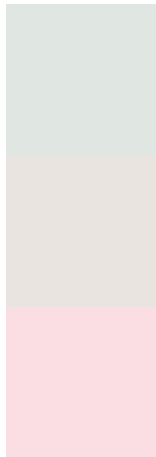
This preview shows how white text looks on a background with the XYZ color 73.0439, 78.4901,

83.2518.

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

73.0439, 78.4901, 83.2518

Protanopia

75.1296, 78.3610, 81.6864

Deuteranopia

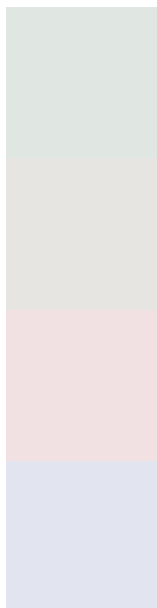
79.9085, 78.3532, 84.3108



Tritanopia

76.0565, 78.4715, 98.3267

Trichromacy



Original Color

73.0439, 78.4901, 83.2518

Protanomaly

74.2430, 78.2979, 82.4341

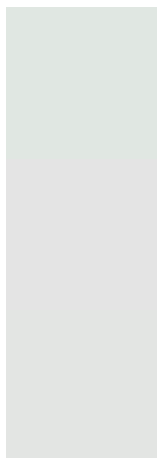
Deuteranomaly

77.0660, 78.0973, 83.6855

Tritanomaly

74.9633, 78.4394, 92.8507

Monochromacy



Original Color

73.0439, 78.4901, 83.2518

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5630, 77.9156, 83.8351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0439, 78.4901, 83.2518 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, 231, 226) looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 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(224, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.0439, 78.4901, 83.2518 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, 231, 226) }
```


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

```
.border{ border-color:rgb(224, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0439, 78.4901, 83.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 226) }
```

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

```
.background{ background-color: rgb(224,  
231, 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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