

Converting Colors

XYZ(73.4723, 78.2092, 83.3958)

Have a look what the booklet for
XYZ(73.4723, 78.2092, 83.3958)
contains.

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Color

**XYZ(73.3883, 78.2534,
83.1879)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2E6E2 |
| RGB | 226, 230, 226 |
| RGB Percent | 89%, 90%, 89% |
| CMY | 0.1137, 0.0980, 0.1137 |
| CMYK | 0.02, 0.00, 0.02, 0.10 |
| HSL | 120°, 7%, 89% |
| HSV | 120°, 2%, 90% |
| XYZ | 73.3883, 78.2534, 83.1879 |
| YIQ | 228.3480, -1.1000, -2.0920 |

Conversions

Conversions Part 2

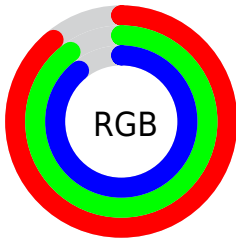
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 226, 230, 230 |
| Decimal | 14870242 |
| CIE Lab | 90.90, -2.05, 1.47 |
| CIE LCh | 91, 2.522, 144.459 |
| Yxy | 78.2534, 0.3125, 0.3332 |
| Android (android.graphics.Color) | 4293060322 (0xFFE2E6E2) |
| YUV | 228.3480, -1.1576, -2.0592 |
| Hunter-Lab | 88.4610, -6.7209, 6.1669 |

Details

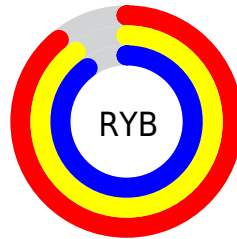
The XYZ color **73.3883, 78.2534, 83.1879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1153, 76.9309, 85.8097**, and the grayscale version is **74.0083, 77.8624, 84.7922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4752, 42.2581, 44.6041** is the 20% darker color. If you saturate the color by 10%, you get **63.7069, 73.6052, 67.3507**, and if you desaturate by 10%, it is **84.4650, 83.5764, 101.3035**.

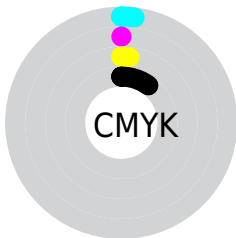
Distribution



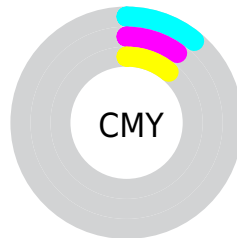
- Red (89%)
- Green (90%)
- Blue (89%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3883, 78.2534, 83.1879 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 73.3883, 78.2534, 83.1879 by changing the saturation by 10% instead.

■ 73.3883, 78.2534,
83.1879

■ 73.3883, 78.2534,
83.1879

461.4425,
489.0270, 525.5999

■ 54.5830, 58.2822,
61.8037

123.0285,
130.9073, 139.6902

■ 39.3005, 42.0355,
44.4393

154.5941,
164.3587, 175.6453

■ 27.1754, 29.1291,
30.6763

191.1438,
203.0723, 217.2945

■ 17.8422, 19.1785,
20.0961

233.0431,
247.4325, 265.0562

■ 10.9358, 11.7993,
12.2801

280.6573,
297.8237, 319.3491

■ 6.0906, 6.6072,
6.8099

334.3516,

■ 2.9415, 3.2177,

354.6302, 380.5917

3.2669

394.4916,
418.2365, 449.2024

■ 1.1229, 1.2464,
1.2325

■ 0.0441, 0.0991,
0.0055

■ 73.3883, 78.2534,
83.1879

■ 73.3883, 78.2534,
83.1879

■ 63.7069, 73.6052,
67.3507

■ 84.4650, 83.5764,
101.3035

■ 55.3593, 69.5954,
53.6969

■ 87.5884, 85.0767,
106.4128

■ 48.2890, 66.1992,
42.1322

■ 42.4331, 63.3863,
32.5538

■ 37.7232, 61.1239,
24.8499

■ 34.0843, 59.3760,
18.8977

■ 31.4324, 58.1022,
14.5599

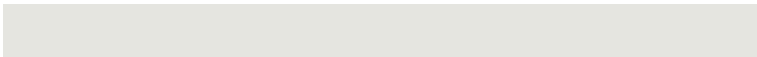
■ 29.6711, 57.2561,
11.6787

■ 28.6844, 56.7822,
10.0646

Harmonies

Analogous

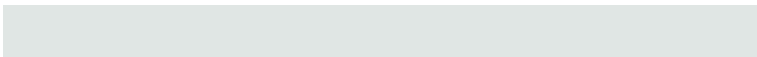
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8731, 78.2534, 82.0608



73.3883, 78.2534, 83.1879



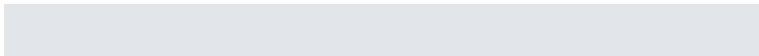
73.1687, 78.2534, 84.8674

Triad

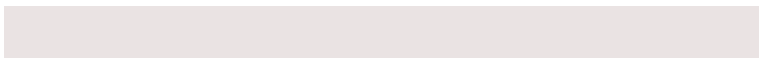
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3883, 78.2534, 83.1879



74.2597, 78.2534, 88.7331



75.4946, 78.2534, 83.7648

Complementary

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



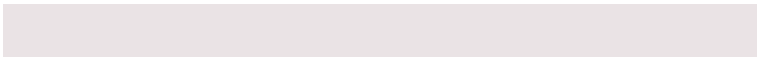
73.3883, 78.2534, 83.1879



74.1153, 76.9309, 85.8097

Split Complementary

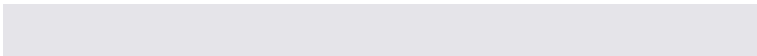
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5996, 78.2534, 85.5428



73.3883, 78.2534, 83.1879



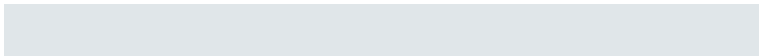
74.8843, 78.2534, 88.4278

Square

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



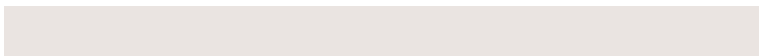
73.3883, 78.2534, 83.1879



73.6699, 78.2534, 88.0821



75.3756, 78.2534, 87.2537



75.0896, 78.2534, 82.3905

Rectangle

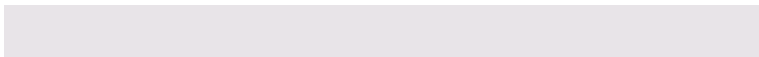
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



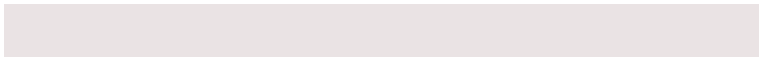
73.3883, 78.2534, 83.1879



73.2013, 78.2534, 86.0808



75.3756, 78.2534, 87.2537



75.5662, 78.2534, 84.3344

Sweetspot

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



73.3905, 78.2568, 83.1896



93.7102, 99.3564, 106.7085



74.6609, 78.9117, 83.2489



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

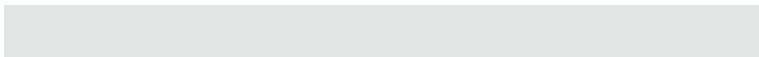
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3905, 78.2568, 83.1896



92.3882, 98.7214, 104.5462



73.6669, 78.3673, 84.6451



15.7924, 16.8592, 17.8842



16.0201, 32.0401, 5.3402



1.1838, 2.3677, 0.3947

Inverse Universe

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



74.1153, 76.9309, 85.8097



93.4445, 96.7891, 108.3647



73.8357, 76.8190, 84.3373



15.9620, 16.5490, 18.4973



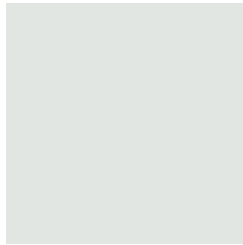
26.5604, 12.7584, 43.4418



1.9627, 0.9428, 3.2102

Previews

White Background



This preview shows how the XYZ color 73.3883, 78.2534, 83.1879 looks on a white background.

Color Contrast Check

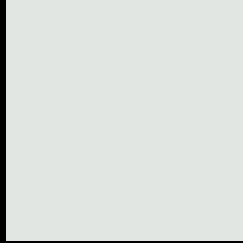
Large Text (above 18pt) WCAG AA × Fail

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 73.3883, 78.2534, 83.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

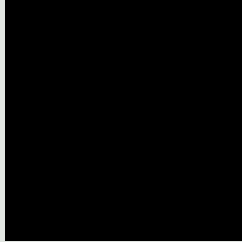
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

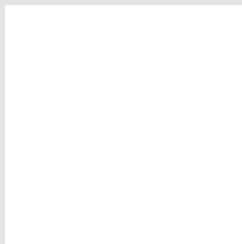
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3883, 78.2534, 83.1879

Background



This preview shows how black text looks on a background with the XYZ color 73.3883, 78.2534, 83.1879.

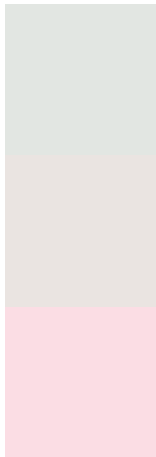


This preview shows how white text looks on a background with the XYZ color 73.3883, 78.2534,

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

73.3883, 78.2534, 83.1879

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

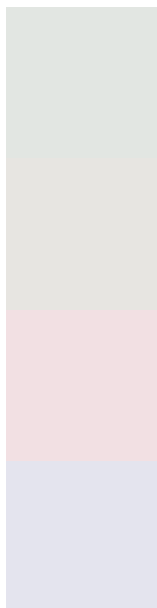
79.6437, 77.8236, 84.2226



Tritanopia

76.2636, 78.1888, 97.4586

Trichromacy



Original Color

73.3883, 78.2534, 83.1879

Protanomaly

74.5649, 78.4638, 82.4492

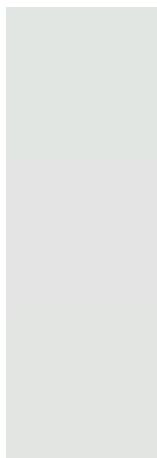
Deuteranomaly

77.1387, 77.7346, 83.6117

Tritanomaly

75.1709, 78.1538, 92.0122

Monochromacy



Original Color

73.3883, 78.2534, 83.1879

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 73.3883, 78.2534, 83.1879 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, 230, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 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, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.3883, 78.2534, 83.1879 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, 230, 226) }
```


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

```
.border{ border-color:rgb(226, 230, 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, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3883, 78.2534, 83.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 226) }
```

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

```
.background{ background-color: rgb(226,  
230, 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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