

Converting Colors

XYZ(74.3723, 78.4833, 83.0798)

Have a look what the booklet for
XYZ(74.3723, 78.4833, 83.0798)
contains.

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Color

**XYZ(74.3799, 78.3526,
83.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5E2
RGB	230, 229, 226
RGB Percent	90%, 90%, 89%
CMY	0.0980, 0.1019, 0.1137
CMYK	0.00, 0.00, 0.02, 0.10
HSL	45°, 7%, 89%
HSV	45°, 2%, 90%
XYZ	74.3799, 78.3526, 83.1548
YIQ	228.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

Format	Color
RYB	227, 230, 226
Decimal	15132130
CIELab	90.94, -0.19, 1.57
CIElCh	91, 1.579, 96.898
Yxy	78.3526, 0.3153, 0.3322
Android (android.graphics.Color)	4293322210 (0xFFE6E5E2)
YUV	228.9570, -1.4578, 0.9147
Hunter-Lab	88.5170, -4.9131, 6.2636

Details

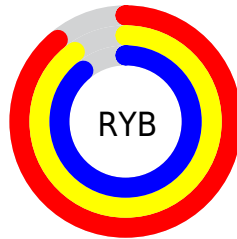
The XYZ color **74.3799, 78.3526, 83.1548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1161, 76.8191, 85.8379**, and the grayscale version is **74.4560, 78.3336, 85.3052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1659, 42.3263, 44.5809** is the 20% darker color. If you saturate the color by 10%, you get **69.8755, 74.0595, 67.1129**, and if you desaturate by 10%, it is **79.3645, 82.9264, 101.4474**.

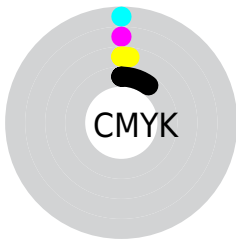
Distribution



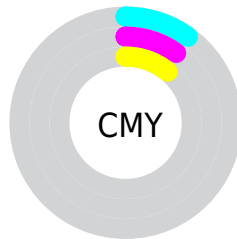
- Red (90%)
- Green (90%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3799, 78.3526, 83.1548 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 74.3799, 78.3526, 83.1548 by changing the saturation by 10% instead.

■ 74.3799, 78.3526,
83.1548

■ 74.3799, 78.3526,
83.1548

464.8136,
489.3635, 525.4868

■ 55.3974, 58.3637,
61.7765

124.4268,
131.0471, 139.6434

■ 39.9551, 42.1011,
44.4175

156.2219,
164.5214, 175.5908

■ 27.6876, 29.1805,
30.6593

193.0187,
203.2596, 217.2317

■ 18.2295, 19.2174,
20.0832

235.1823,
247.6462, 264.9846

■ 11.2156, 11.8275,
12.2709

283.0783,
298.0655, 319.2680

■ 6.2804, 6.6263,
6.8037

337.0719,

■ 3.0586, 3.2295,

354.9018, 380.5004

3.2630

397.5286,
418.5397, 449.1005

■ 1.1848, 1.2527,
1.2305

■ 0.0943, 0.1041,
0.0038

■ 74.3799, 78.3526,
83.1548

■ 74.3799, 78.3526,
83.1548

■ 69.8755, 74.0595,
67.1129

■ 79.3645, 82.9264,
101.4474

■ 65.8273, 70.0293,
53.2283

■ 81.9790, 86.6340,
107.0090

■ 62.2193, 66.2572,
41.4084

■ 83.6959, 90.0678,
107.5813

■ 59.0318, 62.7345,
31.5523

■ 85.4665, 93.6091,
108.1715

■ 56.2434, 59.4519,
23.5502

■ 86.4436, 95.5632,
108.4972

■ 53.8307, 56.3991,
17.2816

■ 51.7678, 53.5649,
12.6117

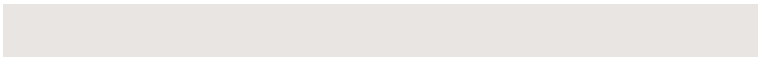
■ 50.0245, 50.9364,
9.3857

■ 48.5652, 48.4984,
7.4176

Harmonies

Analogous

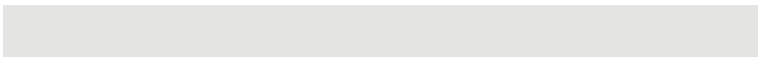
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7725, 78.3526, 83.3121



74.3799, 78.3526, 83.1548



74.0132, 78.3526, 83.5715

Triad

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



74.3799, 78.3526, 83.1548



73.8613, 78.3526, 86.6356



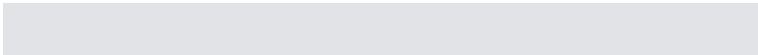
75.1781, 78.3526, 86.1757

Complementary

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



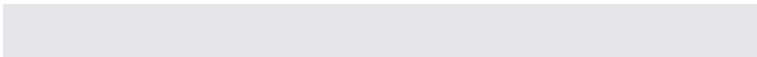
74.3799, 78.3526, 83.1548



73.1161, 76.8191, 85.8379

Split Complementary

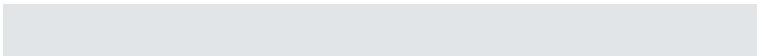
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9323, 78.3526, 87.0778



74.3799, 78.3526, 83.1548



74.1719, 78.3526, 87.3450

Square

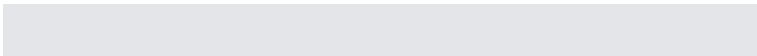
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3799, 78.3526, 83.1548



73.7145, 78.3526, 85.5762



74.5638, 78.3526, 87.5075



75.2343, 78.3526, 85.0496

Rectangle

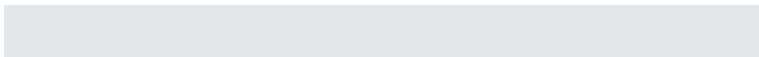
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



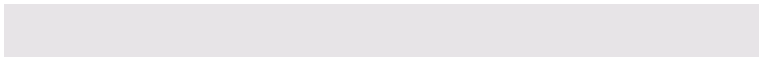
74.3799, 78.3526, 83.1548



73.8324, 78.3526, 84.1210



74.5638, 78.3526, 87.5075



75.1149, 78.3526, 86.5155

Sweetspot

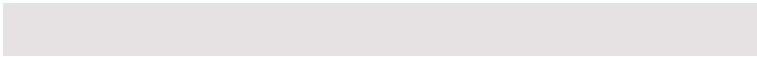
The Sweet Spot groups the original color and five complimentary colors.



74.3821, 78.3560, 83.1565



94.4399, 99.4324, 106.6846



73.6957, 76.7629, 83.6067



20.2205, 21.2886, 22.8583



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

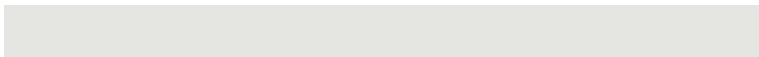
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3821, 78.3560, 83.1565



93.8359, 98.8683, 104.4981



74.3385, 78.7438, 83.2337



16.0249, 16.8829, 17.8765



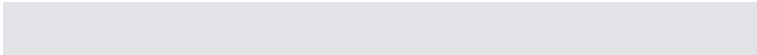
27.0078, 26.5898, 3.7089



2.0680, 2.1094, 0.2982

Inverse Universe

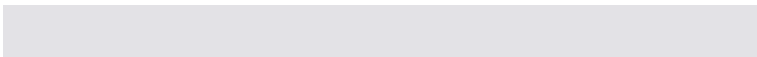
The Inverse Universe completely reimagines the original color for something new.



73.1161, 76.8191, 85.8379



91.9888, 96.6260, 108.4101



73.1590, 76.4380, 85.7621



15.7284, 16.5229, 18.5046



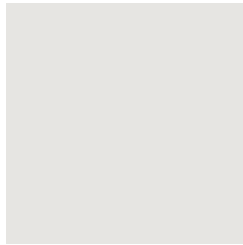
9.0035, 5.0691, 42.8871



0.7376, 0.5192, 3.1933

Previews

White Background



This preview shows how the XYZ color 74.3799, 78.3526, 83.1548 looks on a white background.

Color Contrast Check

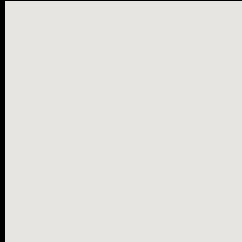
Large Text (above 18pt) WCAG AA × Fail

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 74.3799, 78.3526, 83.1548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

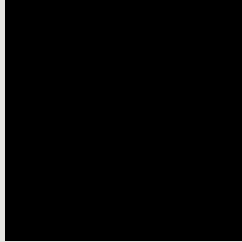
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

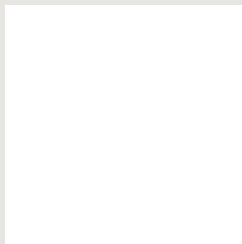
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3799, 78.3526, 83.1548

Background



This preview shows how black text looks on a background with the XYZ color 74.3799, 78.3526, 83.1548.



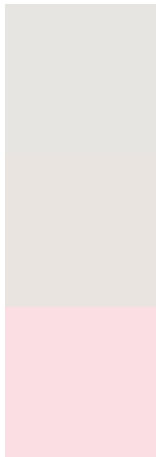
This preview shows how white text looks on a background with the XYZ color 74.3799, 78.3526,

83.1548.

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

74.3799, 78.3526, 83.1548

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

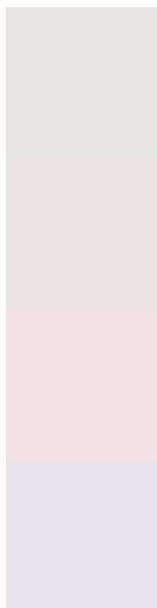
79.7701, 78.2978, 83.5817



Tritanopia

77.1298, 78.2480, 96.6262

Trichromacy



Original Color

74.3799, 78.3526, 83.1548

Protanomaly

74.9383, 78.2467, 82.3876

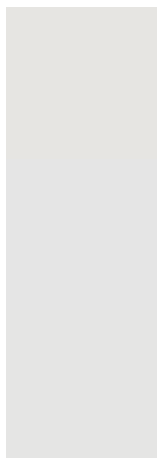
Deuteranomaly

77.7525, 78.4512, 83.7176

Tritanomaly

76.0339, 78.2084, 91.2091

Monochromacy



Original Color

74.3799, 78.3526, 83.1548

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3360, 78.2981, 84.5939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3799, 78.3526, 83.1548 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(230, 229, 226) looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.3799, 78.3526, 83.1548 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(230, 229, 226) }
```


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

```
.border{ border-color:rgb(230, 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(230, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3799, 78.3526, 83.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 226) }
```

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

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