

Converting Colors

XYZ(73.8523, 79.3726, 79.2312)

Have a look what the booklet for
XYZ(73.8523, 79.3726, 79.2312)
contains.

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Color

**XYZ(73.7698, 79.3745,
79.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E8DC
RGB	228, 232, 220
RGB Percent	89%, 91%, 86%
CMY	0.1059, 0.0902, 0.1372
CMYK	0.02, 0.00, 0.05, 0.09
HSL	80°, 21%, 89%
HSV	80°, 5%, 91%
XYZ	73.7698, 79.3745, 79.1429
YIQ	229.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

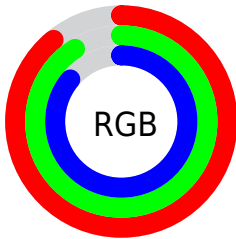
Format	Color
R _Y B	220, 232, 224
Decimal	15001820
CIE Lab	91.40, -3.45, 5.35
CIE LCh	91, 6.369, 122.781
Yxy	79.3745, 0.3176, 0.3417
Android (android.graphics.Color)	4293191900 (0xFFE4E8DC)
YUV	229.4360, -4.6519, -1.2594
Hunter-Lab	89.0924, -8.1110, 9.6959

Details

The XYZ color **73.7698, 79.3745, 79.1429** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.9022, 72.8620, 86.6749**, and the grayscale version is **74.8316, 78.7287, 85.7356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5504, 42.6515, 41.7453** is the 20% darker color. If you saturate the color by 10%, you get **68.5081, 76.9950, 63.9547**, and if you desaturate by 10%, it is **79.5723, 81.9881, 96.5856**.

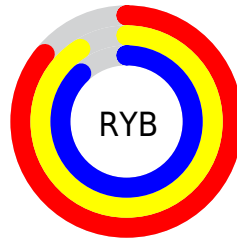
Distribution



Red (89%)

Green (91%)

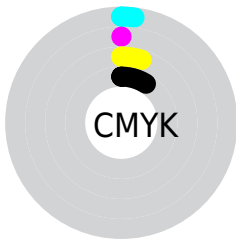
Blue (86%)



Red (86%)

Yellow (91%)

Blue (88%)

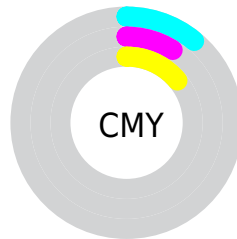


Cyan (2%)

Magenta (0%)

Yellow (5%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7698, 79.3745, 79.1429 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 73.7698, 79.3745, 79.1429 by changing the saturation by 10% instead.

73.7698, 79.3745,
79.1429

73.7698, 79.3745,
79.1429

462.7411,
492.8224, 511.6700

54.8963, 59.2038,
58.4913

123.5667,
132.4860, 133.9605

39.5522, 42.7772,
41.7864

155.2207,
166.1955, 168.9636

27.3722, 29.7103,
28.6098

191.8657,
205.1867, 209.5876

17.9910, 19.6188,
18.5428

233.8669,
249.8440, 256.2510

11.0432, 12.1183,
11.1669

281.5896,
300.5519, 309.3724

6.1634, 6.8243,
6.0636

335.3994,

2.9863, 3.3524,

357.6946, 369.3704

2.8144

395.6614,
421.6566, 436.6634

■ 1.1465, 1.3184,
1.0007

■ 0.0635, 0.1554,
0.0000

■ 73.7698, 79.3745,
79.1429

■ 73.7698, 79.3745,
79.1429

■ 68.5081, 76.9950,
63.9547

■ 79.5723, 81.9881,
96.5856

■ 63.7617, 74.8317,
50.9239

■ 84.0360, 84.0764,
106.4069

■ 59.5128, 72.8797,
39.9539

■ 86.7706, 85.4862,
106.5349

■ 55.7397, 71.1302,
30.9386

■ 88.1482, 86.1963,
106.5994

■ 52.4191, 69.5738,
23.7627

■ 49.5251, 68.1998,
18.2986

■ 47.0289, 66.9967,
14.4025

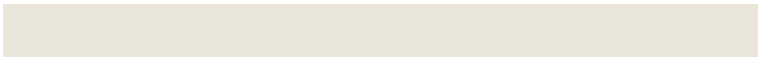
■ 44.8972, 65.9507,
11.9070

■ 43.0892, 65.0456,
10.6066

Harmonies

Analogous

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



75.2921, 79.3745, 77.8211



73.7698, 79.3745, 79.1429



72.7080, 79.3745, 82.4105

Triad

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



73.7698, 79.3745, 79.1429



74.0279, 79.3745, 94.6001



78.5960, 79.3745, 85.9934

Complementary

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



73.7698, 79.3745, 79.1429



70.9022, 72.8620, 86.6749

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.



78.2459, 79.3745, 90.5685



73.7698, 79.3745, 79.1429



75.5942, 79.3745, 95.6415

Square

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



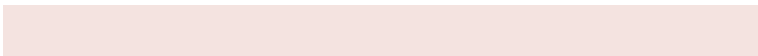
73.7698, 79.3745, 79.1429



72.8555, 79.3745, 91.3438



77.1415, 79.3745, 94.1413



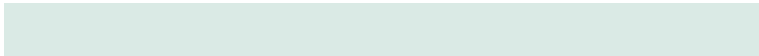
78.0913, 79.3745, 81.6867

Rectangle

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



73.7698, 79.3745, 79.1429



72.3961, 79.3745, 85.3096



77.1415, 79.3745, 94.1413



78.5744, 79.3745, 87.5508

Sweetspot

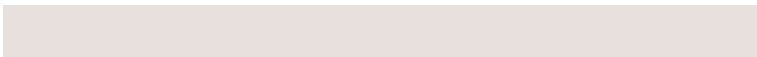
The Sweet Spot groups the original color and five complimentary colors.



73.7720, 79.3779, 79.1446



93.6165, 99.3546, 104.6035



72.8555, 75.6370, 78.4709



20.0529, 21.2728, 22.4344



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

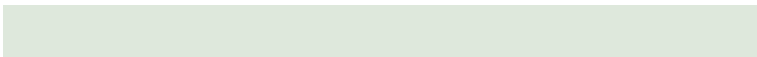
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7720, 79.3779, 79.1446



90.8308, 98.0983, 96.3522



71.9016, 78.4137, 79.0571



15.4323, 16.7095, 16.2440



23.6220, 35.9591, 5.6958



1.8431, 2.7075, 0.4255

Inverse Universe

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



70.9022, 72.8620, 86.6749



86.7096, 88.7409, 107.1664



72.7946, 73.8376, 86.7634



14.6640, 14.9651, 18.2600



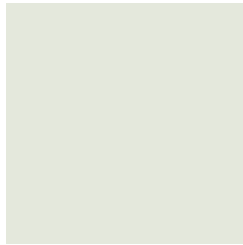
9.9222, 4.1810, 42.6672



0.8289, 0.3583, 3.1574

Previews

White Background



This preview shows how the XYZ color 73.7698, 79.3745, 79.1429 looks on a white background.

Color Contrast Check

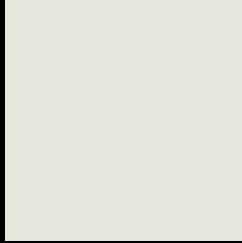
Large Text (above 18pt) WCAG AA × Fail

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 73.7698, 79.3745, 79.1429 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

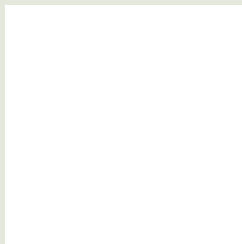
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7698, 79.3745, 79.1429

Background



This preview shows how black text looks on a background with the XYZ color 73.7698, 79.3745, 79.1429.

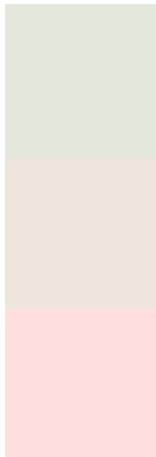


This preview shows how white text looks on a background with the XYZ color 73.7698, 79.3745,

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

73.7698, 79.3745, 79.1429

Protanopia

75.7305, 79.1576, 78.3054

Deuteranopia

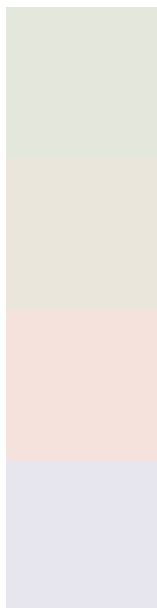
80.8125, 79.3093, 80.1562



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

73.7698, 79.3745, 79.1429

Protanomaly

75.0147, 79.2005, 78.3514

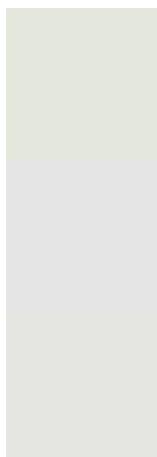
Deuteranomaly

77.9037, 79.0256, 79.5541

Tritanomaly

76.2604, 79.1420, 91.3773

Monochromacy



Original Color

73.7698, 79.3745, 79.1429

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3374, 78.7426, 83.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7698, 79.3745, 79.1429 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(228, 232, 220) looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 220)  
}
```

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(228, 232, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.7698, 79.3745, 79.1429 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(228, 232, 220) }
```


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

```
.border{ border-color:rgb(228, 232, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 232, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 232, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 232, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 232,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7698, 79.3745, 79.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 220) }
```

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

```
.background{ background-color: rgb(228,  
232, 220) }
```

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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