

Converting Colors

XYZ(74.1655, 78.3816, 81.0635)

Have a look what the booklet for
XYZ(74.1655, 78.3816, 81.0635)
contains.

XYZ(73.9717, 78.1893, 81.0054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9717, 78.1893,
81.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5DF
RGB	230, 229, 223
RGB Percent	90%, 90%, 87%
CMY	0.0980, 0.1019, 0.1255
CMYK	0.00, 0.00, 0.03, 0.10
HSL	51°, 12%, 89%
HSV	51°, 3%, 90%
XYZ	73.9717, 78.1893, 81.0054
YIQ	228.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

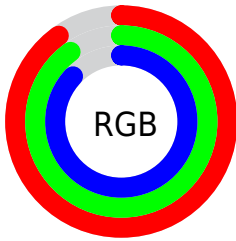
Format	Color
RYB	224, 230, 223
Decimal	15132127
CIELab	90.87, -0.71, 3.03
CIELCh	91, 3.111, 103.260
Yxy	78.1893, 0.3172, 0.3353
Android (android.graphics.Color)	4293322207 (0xFFE6E5DF)
YUV	228.6150, -2.7682, 1.2146
Hunter-Lab	88.4247, -5.4191, 7.5821

Details

The XYZ color **73.9717, 78.1893, 81.0054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3700, 74.7115, 85.5230**, and the grayscale version is **74.2136, 78.0785, 85.0274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8831, 42.2132, 43.0917** is the 20% darker color. If you saturate the color by 10%, you get **70.1830, 75.2412, 65.4685**, and if you desaturate by 10%, it is **78.2032, 81.3468, 98.7700**.

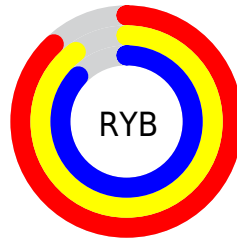
Distribution



Red (90%)

Green (90%)

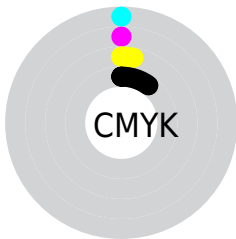
Blue (87%)



Red (88%)

Yellow (90%)

Blue (87%)

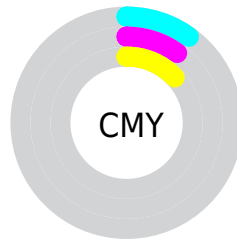


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9717, 78.1893, 81.0054 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 73.9717, 78.1893, 81.0054 by changing the saturation by 10% instead.

■ 73.9717, 78.1893,
81.0054

■ 73.9717, 78.1893,
81.0054

463.4275,
488.8095, 518.1105

■ 55.0621, 58.2295,
60.0150

123.8514,
130.8169, 136.6025

■ 39.6855, 41.9932,
43.0054

155.5522,
164.2536, 172.0463

■ 27.4765, 29.0959,
29.5579

192.2474,
202.9513, 213.1450

■ 18.0699, 19.1534,
19.2541

234.3024,
247.2944, 260.3171

■ 11.1001, 11.7812,
11.6753

282.0826,
297.6674, 313.9811

■ 6.2020, 6.5949,
6.4032

335.9533,

■ 3.0101, 3.2100,

354.4547, 374.5557

3.0190

396.2798,
418.0405, 442.4593

■ 1.1591, 1.2424,
1.1044

■ 0.0737, 0.0959,
0.0000

■ 73.9717, 78.1893,
81.0054

■ 73.9717, 78.1893,
81.0054

■ 70.1830, 75.2412,
65.4685

■ 78.2032, 81.3468,
98.7700

■ 66.8135, 72.4855,
52.0654

■ 80.5495, 83.7752,
106.5326

■ 63.8473, 69.9181,
40.7029

■ 81.4979, 85.6720,
106.8487

■ 61.2650, 67.5311,
31.2790

■ 82.4637, 87.6035,
107.1706

■ 59.0454, 65.3160,
23.6829

■ 83.4468, 89.5698,
107.4983

■ 57.1653, 63.2631,
17.7926

■ 84.4475, 91.5712,
107.8319

■ 55.5986, 61.3621,
13.4712

■ 85.4658, 93.6078,
108.1713

■ 54.3152, 59.6006,
10.5609

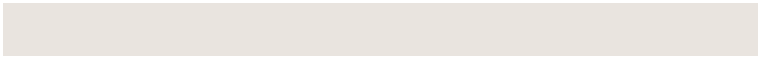
■ 86.4435, 95.5632,
108.4972

■ 53.2787, 57.9639,
8.8703

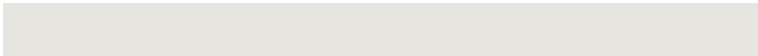
Harmonies

Analogous

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



74.7512, 78.1893, 81.0710



73.9717, 78.1893, 81.0054



73.2893, 78.1893, 82.0323

Triad

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



73.9717, 78.1893, 81.0054



73.2252, 78.1893, 88.1250



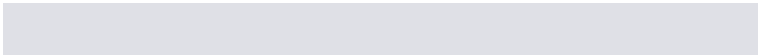
75.7681, 78.1893, 86.3832

Complementary

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



73.9717, 78.1893, 81.0054



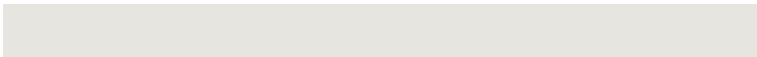
71.3700, 74.7115, 85.5230

Split Complementary

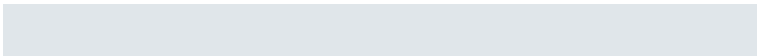
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3534, 78.1893, 88.3147



73.9717, 78.1893, 81.0054



73.8836, 78.1893, 89.3323

Square

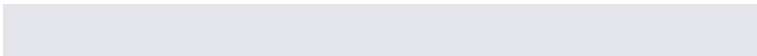
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9717, 78.1893, 81.0054



72.8604, 78.1893, 86.1279



74.6625, 78.1893, 89.4023



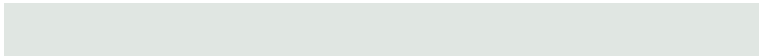
75.7921, 78.1893, 84.1494

Rectangle

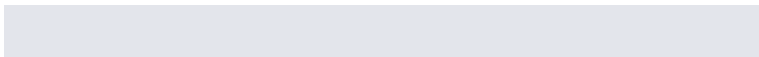
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9717, 78.1893, 81.0054



72.9797, 78.1893, 83.2089



74.6625, 78.1893, 89.4023



75.6696, 78.1893, 87.0903

Sweetspot

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



73.9739, 78.1927, 81.0071



94.5265, 99.6056, 106.7135



72.4832, 74.9841, 81.2108



20.2381, 21.3239, 22.8641



0.0000, 0.0000, 0.0000



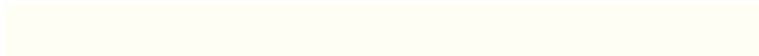
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9739, 78.1927, 81.0071



92.9897, 98.4380, 100.3256



73.4695, 78.3429, 81.0627



15.8082, 16.7520, 16.8718



29.8836, 32.3413, 4.6675



2.2564, 2.4862, 0.3610

Inverse Universe

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



71.3700, 74.7115, 85.5230



88.6686, 92.6609, 107.8198



71.8636, 74.5697, 85.4697



14.9458, 15.5990, 18.3675



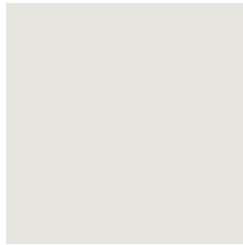
8.4423, 3.9467, 42.7000



0.6763, 0.3965, 3.1729

Previews

White Background



This preview shows how the XYZ color 73.9717, 78.1893, 81.0054 looks on a white background.

Color Contrast Check

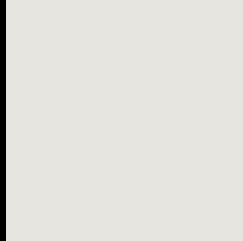
Large Text (above 18pt) WCAG AA × Fail

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 73.9717, 78.1893, 81.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

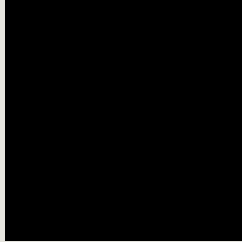
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

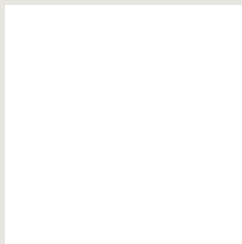
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9717, 78.1893, 81.0054

Background



This preview shows how black text looks on a background with the XYZ color 73.9717, 78.1893, 81.0054.



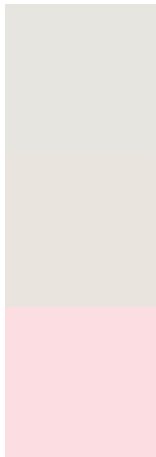
This preview shows how white text looks on a background with the XYZ color 73.9717, 78.1893,

81.0054.

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

73.9717, 78.1893, 81.0054

Protanopia

74.8599, 78.2532, 80.2661

Deuteranopia

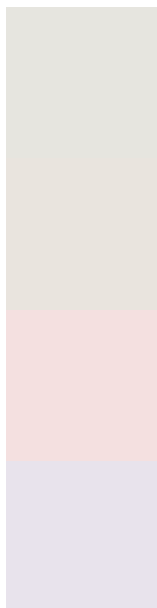
79.5919, 77.8446, 82.0647



Tritanopia

77.1298, 78.2480, 96.6262

Trichromacy



Original Color

73.9717, 78.1893, 81.0054

Protanomaly

74.5325, 78.0844, 80.2507

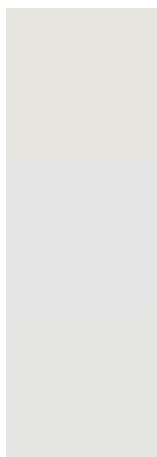
Deuteranomaly

77.4184, 77.9262, 81.4819

Tritanomaly

75.8881, 78.1501, 90.4416

Monochromacy



Original Color

73.9717, 78.1893, 81.0054

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1975, 78.2427, 83.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9717, 78.1893, 81.0054 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.9717, 78.1893, 81.0054 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, 223) }
```


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

```
.border{ border-color:rgb(230, 229, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9717, 78.1893, 81.0054 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, 223) }
```

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

```
.background{ background-color: rgb(230,  
229, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor