

Converting Colors

XYZ(74.5056, 78.0772, 83.0760)

Have a look what the booklet for
XYZ(74.5056, 78.0772, 83.0760)
contains.

XYZ(74.4259, 77.9667, 83.0779) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(74.4259, 77.9667,
83.0779)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4E2
RGB	231, 228, 226
RGB Percent	91%, 89%, 89%
CMY	0.0941, 0.1059, 0.1137
CMYK	0.00, 0.01, 0.02, 0.09
HSL	24°, 9%, 90%
HSV	24°, 2%, 91%
XYZ	74.4259, 77.9667, 83.0779
YIQ	228.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 229, 226
Decimal	15197410
CIE Lab	90.76, 0.66, 1.32
CIE LCh	91, 1.478, 63.338
Yxy	77.9667, 0.3161, 0.3311
Android (android.graphics.Color)	4293387490 (0xFFE7E4E2)
YUV	228.6690, -1.3158, 2.0443
Hunter-Lab	88.2988, -4.0674, 6.0248

Details

The XYZ color **74.4259, 77.9667, 83.0779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8072, 77.9760, 86.7633**, and the grayscale version is **74.2430, 78.1094, 85.0611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9735, 41.9414, 44.5167** is the 20% darker color. If you saturate the color by 10%, you get **67.8111, 69.4721, 66.2738**, and if you desaturate by 10%, it is **81.7771, 87.2487, 102.2363**.

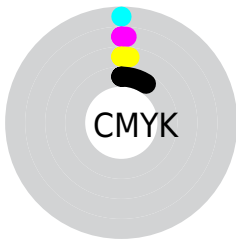
Distribution



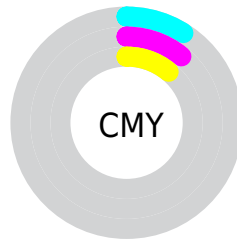
- Red (91%)
- Green (89%)
- Blue (89%)



- Red (91%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4259, 77.9667, 83.0779 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 74.4259, 77.9667, 83.0779 by changing the saturation by 10% instead.

■ 74.4259, 77.9667,
83.0779

■ 74.4259, 77.9667,
83.0779

464.9696,
488.0537, 525.2239

■ 55.4352, 58.0466,
61.7134

124.4916,
130.5032, 139.5348

■ 39.9855, 41.8461,
44.3669

156.2974,
163.8884, 175.4643

■ 27.7114, 28.9808,
30.6197

193.1055,
202.5307, 217.0858

■ 18.2476, 19.0663,
20.0534

235.2814,
246.8146, 264.8180

■ 11.2286, 11.7182,
12.2494

283.1904,
297.1245, 319.0794

■ 6.2893, 6.5521,
6.7892

337.1979,

■ 3.0641, 3.1836,

353.8447, 380.2885

3.2542

397.6692,
417.3596, 448.8638

■ 1.1877, 1.2283,
1.2258

■ 0.0967, 0.0847,
0.0000

■ 74.4259, 77.9667,
83.0779

■ 74.4259, 77.9667,
83.0779

■ 67.8111, 69.4721,
66.2738

■ 81.7771, 87.2487,
102.2363

■ 61.9022, 61.7338,
51.7272

■ 86.7655, 95.7292,
108.5123

■ 56.6757, 54.7332,
39.3421

■ 52.1047, 48.4472,
29.0136

■ 48.1601, 42.8515,
20.6281

■ 44.8103, 37.9200,
14.0604

■ 42.0205, 33.6249,
9.1710

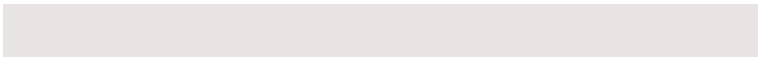
■ 39.7517, 29.9357,
5.7992

■ 37.9582, 26.8185,
3.7524

Harmonies

Analogous

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



74.7032, 77.9667, 83.7735



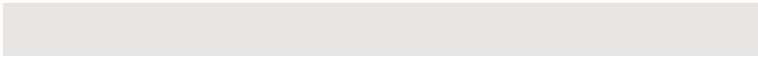
74.4259, 77.9667, 83.0779



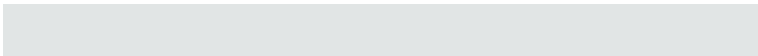
74.0634, 77.9667, 82.8672

Triad

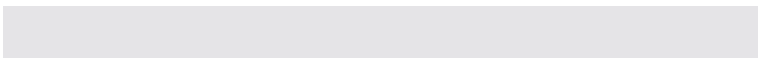
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4259, 77.9667, 83.0779



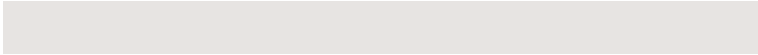
73.3944, 77.9667, 85.0116



74.4982, 77.9667, 86.6125

Complementary

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



74.4259, 77.9667, 83.0779



73.8072, 77.9760, 86.7633

Split Complementary

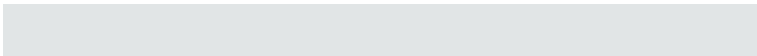
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1466, 77.9667, 86.9505



74.4259, 77.9667, 83.0779



73.5100, 77.9667, 86.0214

Square

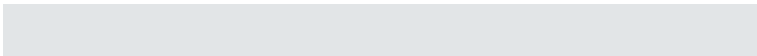
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



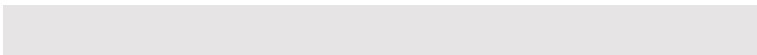
74.4259, 77.9667, 83.0779



73.4687, 77.9667, 83.9781



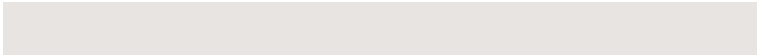
73.7850, 77.9667, 86.7333



74.7450, 77.9667, 85.8135

Rectangle

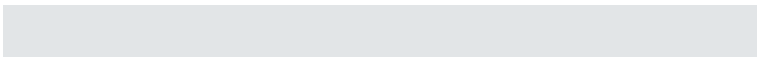
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



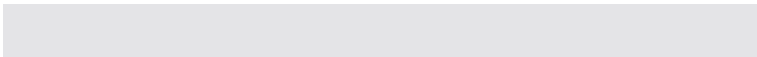
74.4259, 77.9667, 83.0779



73.8225, 77.9667, 83.0285



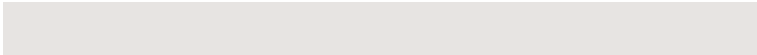
73.7850, 77.9667, 86.7333



74.3883, 77.9667, 86.7841

Sweetspot

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



74.4281, 77.9701, 83.0796



94.1566, 98.8658, 106.5902



74.2954, 77.0400, 85.0843



20.1628, 21.1733, 22.8390



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.



74.4281, 77.9701, 83.0796



92.3976, 96.6270, 102.0601



75.1198, 79.3535, 83.3102



15.6547, 16.3454, 17.1275



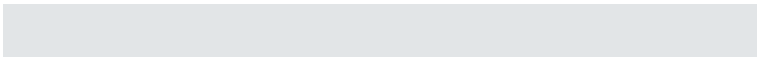
20.7626, 14.0994, 1.6272



1.6232, 1.2198, 0.1499

Inverse Universe

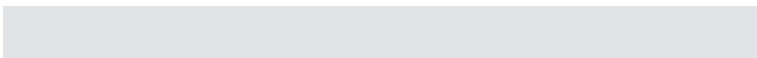
The Inverse Universe completely reimagines the original color for something new.



73.8072, 77.9760, 86.7633



91.3210, 96.6373, 108.4475



73.1215, 76.6045, 86.5347



15.4256, 16.3476, 18.4867



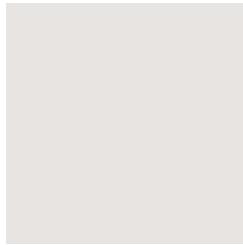
13.3399, 13.7420, 44.3325



1.0761, 1.1962, 3.3061

Previews

White Background



This preview shows how the XYZ color 74.4259, 77.9667, 83.0779 looks on a white background.

Color Contrast Check

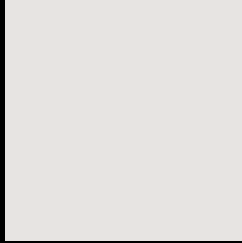
Large Text (above 18pt) WCAG AA × Fail

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 74.4259, 77.9667, 83.0779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

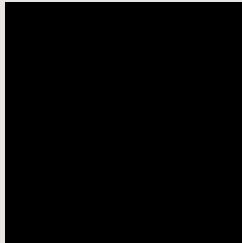
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

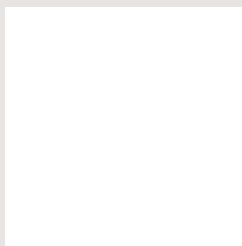
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4259, 77.9667, 83.0779

Background



This preview shows how black text looks on a background with the XYZ color 74.4259, 77.9667, 83.0779.

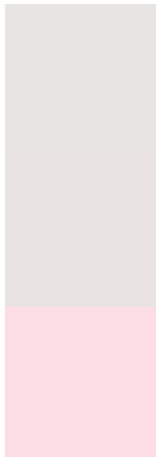


This preview shows how white text looks on a background with the XYZ color 74.4259, 77.9667,

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

74.4259, 77.9667, 83.0779

Protanopia

74.8008, 77.7528, 83.0169

Deuteranopia

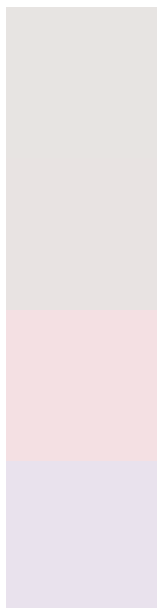
79.5052, 77.7682, 83.4934



Tritanopia

77.0346, 77.8139, 95.7534

Trichromacy



Original Color

74.4259, 77.9667, 83.0779

Protanomaly

74.4753, 77.5850, 83.0016

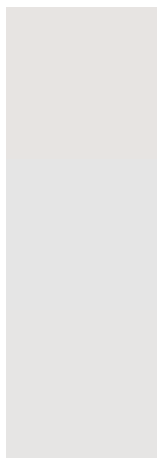
Deuteranomaly

77.8290, 78.0905, 83.6440

Tritanomaly

76.0867, 77.8308, 91.1334

Monochromacy



Original Color

74.4259, 77.9667, 83.0779

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6560, 78.4631, 84.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4259, 77.9667, 83.0779 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(231, 228, 226) looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 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(231, 228, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.4259, 77.9667, 83.0779 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(231, 228, 226) }
```


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

```
.border{ border-color:rgb(231, 228, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 228, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 228, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 228, 226); box-shadow:4px 4px 4px 4px rgb(231, 228, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4259, 77.9667, 83.0779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 226) }
```

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

```
.background{ background-color: rgb(231,  
228, 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](#).

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