

Converting Colors

XYZ(74.2809, 77.5627, 82.8634)

Have a look what the booklet for
XYZ(74.2809, 77.5627, 82.8634)
contains.

XYZ(74.1515, 77.4181, 82.9865)	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(74.1515, 77.4181,
82.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E3E2
RGB	231, 227, 226
RGB Percent	91%, 89%, 89%
CMY	0.0941, 0.1098, 0.1137
CMYK	0.00, 0.02, 0.02, 0.09
HSL	12°, 9%, 90%
HSV	12°, 2%, 91%
XYZ	74.1515, 77.4181, 82.9865
YIQ	228.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 227, 226
Decimal	15197154
CIE Lab	90.51, 1.18, 0.96
CIE LCh	91, 1.517, 39.038
Yxy	77.4181, 0.3161, 0.3301
Android (android.graphics.Color)	4293387234 (0xFFE7E3E2)
YUV	228.0820, -1.0264, 2.5591
Hunter-Lab	87.9876, -3.5474, 5.6712

Details

The XYZ color **74.1515, 77.4181, 82.9865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0845, 78.5306, 86.8554**, and the grayscale version is **73.8105, 77.6544, 84.5657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7824, 41.5593, 44.4531** is the 20% darker color. If you saturate the color by 10%, you get **66.4120, 66.6740, 65.8075**, and if you desaturate by 10%, it is **82.8639, 89.4226, 102.5986**.

Distribution



Red (91%)

Green (89%)

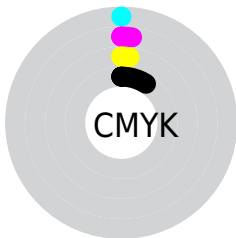
Blue (89%)



Red (91%)

Yellow (89%)

Blue (89%)

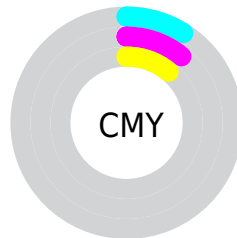


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1515, 77.4181, 82.9865 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 74.1515, 77.4181, 82.9865 by changing the saturation by 10% instead.

■ 74.1515, 77.4181,
82.9865

■ 74.1515, 77.4181,
82.9865

464.0383,
486.1884, 524.9114

■ 55.2098, 57.5961,
61.6385

124.1049,
129.7295, 139.4056

■ 39.8042, 41.4840,
44.3067

155.8473,
162.9877, 175.3138

■ 27.5694, 28.6975,
30.5728

192.5872,
201.4934, 216.9124

■ 18.1401, 18.8521,
20.0180

234.6901,
245.6310, 264.6200

■ 11.1509, 11.5634,
12.2239

282.5213,
295.7849, 318.8552

■ 6.2365, 6.4472,
6.7720

336.4462,

■ 3.0314, 3.1188,

352.3395, 380.0365

3.2436

396.8301,
415.6792, 448.5823

■ 1.1704, 1.1941,
1.2203

■ 0.0828, 0.0569,
0.0000

■ 74.1515, 77.4181,
82.9865

■ 74.1515, 77.4181,
82.9865

■ 66.4120, 66.6740,
65.8075

■ 82.8639, 89.4226,
102.5986

■ 59.6049, 57.1394,
50.9615

■ 86.7654, 95.7291,
108.5123

■ 53.6964, 48.7747,
38.3491

■ 48.6483, 41.5345,
27.8616

■ 44.4194, 35.3702,
19.3813

■ 40.9651, 30.2298,
12.7788

■ 38.2363, 26.0566,
7.9096

■ 36.1780, 22.7884,
4.6080

■ 34.7264, 20.3552,
2.6753

Harmonies

Analogous

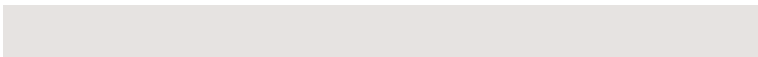
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3062, 77.4181, 83.9675



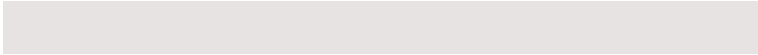
74.1515, 77.4181, 82.9865



73.8448, 77.4181, 82.3598

Triad

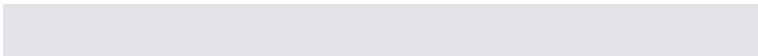
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1515, 77.4181, 82.9865



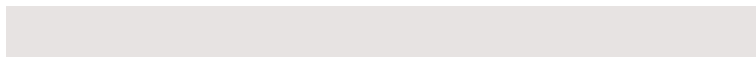
72.9047, 77.4181, 83.5501



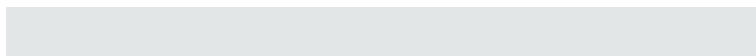
73.6982, 77.4181, 86.3747

Complementary

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



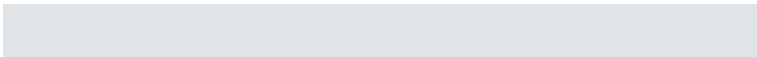
74.1515, 77.4181, 82.9865



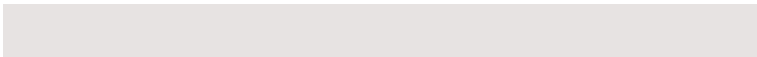
74.0845, 78.5306, 86.8554

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.



73.3230, 77.4181, 86.2606



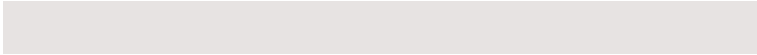
74.1515, 77.4181, 82.9865



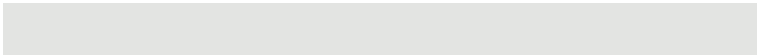
72.8657, 77.4181, 84.6237

Square

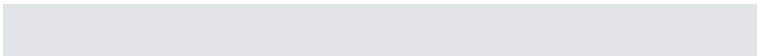
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1515, 77.4181, 82.9865



73.1252, 77.4181, 82.6832



73.0186, 77.4181, 85.6175



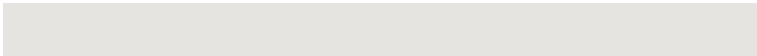
74.0439, 77.4181, 85.9279

Rectangle

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



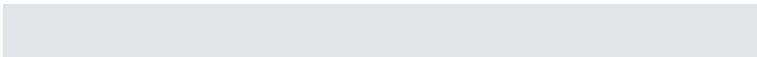
74.1515, 77.4181, 82.9865



73.5958, 77.4181, 82.2240



73.0186, 77.4181, 85.6175



73.5713, 77.4181, 86.4008

Sweetspot

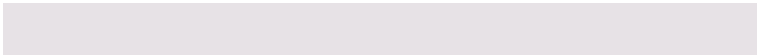
The Sweet Spot groups the original color and five complimentary colors.



74.1537, 77.4214, 82.9882



93.9954, 98.5435, 106.5365



74.4353, 77.0959, 85.8217



20.1300, 21.1077, 22.8281



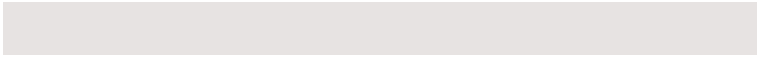
0.0000, 0.0000, 0.0000



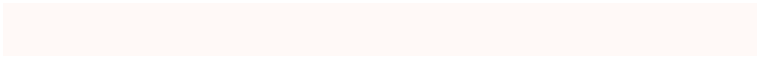
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1537, 77.4214, 82.9882



91.9231, 95.6781, 101.9020



74.8413, 78.7966, 83.2174



15.5540, 16.1439, 17.0939



19.1013, 10.7767, 1.0734



1.4764, 0.9261, 0.1009

Inverse Universe

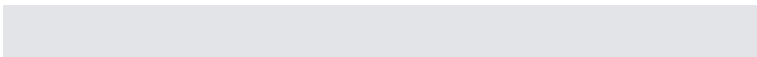
The Inverse Universe completely reimagines the original color for something new.



74.0845, 78.5306, 86.8554



91.8032, 97.6016, 108.6082



73.3950, 77.1515, 86.6256



15.5284, 16.5532, 18.5210



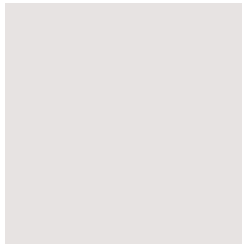
17.8567, 22.7754, 45.8381



1.3821, 1.8082, 3.4081

Previews

White Background



This preview shows how the XYZ color 74.1515, 77.4181, 82.9865 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 74.1515, 77.4181, 82.9865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

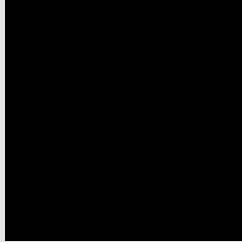
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

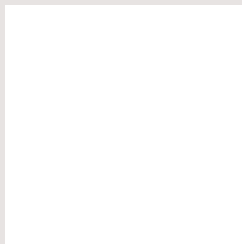
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1515, 77.4181, 82.9865

Background



This preview shows how black text looks on a background with the XYZ color 74.1515, 77.4181, 82.9865.

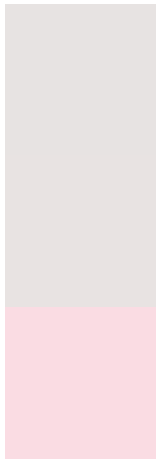


This preview shows how white text looks on a background with the XYZ color 74.1515, 77.4181,

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

74.1515, 77.4181, 82.9865

Protanopia

74.4753, 77.5850, 83.0016

Deuteranopia

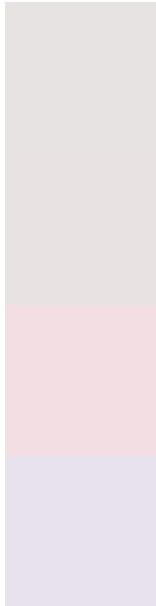
78.8827, 77.0564, 83.3889



Tritanopia

76.5565, 77.5849, 94.9448

Trichromacy



Original Color

74.1515, 77.4181, 82.9865

Protanomaly

74.4753, 77.5850, 83.0016

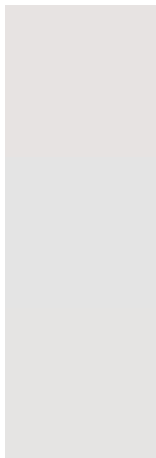
Deuteranomaly

77.2150, 77.3761, 83.5385

Tritanomaly

75.6154, 77.6046, 90.3507

Monochromacy



Original Color

74.1515, 77.4181, 82.9865

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9216, 77.6909, 83.7728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1515, 77.4181, 82.9865 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, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 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, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1515, 77.4181, 82.9865 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, 227, 226) }
```


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

```
.border{ border-color:rgb(231, 227, 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, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1515, 77.4181, 82.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 226) }
```

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

```
.background{ background-color: rgb(231,  
227, 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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