

Converting Colors

XYZ(74.6728, 77.7873, 86.9984)

Have a look what the booklet for
XYZ(74.6728, 77.7873, 86.9984)
contains.

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Color

**XYZ(74.5260, 77.5307,
86.6383)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3E7
RGB	230, 227, 231
RGB Percent	90%, 89%, 91%
CMY	0.0980, 0.1098, 0.0941
CMYK	0.00, 0.02, 0.00, 0.09
HSL	285°, 8%, 90%
HSV	285°, 2%, 91%
XYZ	74.5260, 77.5307, 86.6383
YIQ	228.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

Format	Color
R _Y B	230, 227, 231
Decimal	15131623
CIE Lab	90.57, 1.73, -1.60
CIE LCh	91, 2.354, 317.275
Yxy	77.5307, 0.3122, 0.3248
Android (android.graphics.Color)	4293321703 (0xFFE6E3E7)
YUV	228.3530, 1.3050, 1.4444
Hunter-Lab	88.0515, -3.0094, 3.2977

Details

The XYZ color **74.5260, 77.5307, 86.6383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4390, 79.1940, 84.0397**, and the grayscale version is **73.9936, 77.8470, 84.7754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1696, 41.7142, 46.4919** is the 20% darker color. If you saturate the color by 10%, you get **66.8030, 64.7928, 84.5878**, and if you desaturate by 10%, it is **83.1626, 92.0023, 88.9776**.

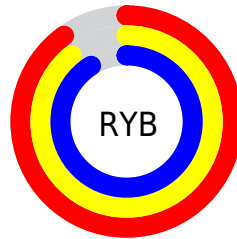
Distribution



Red (90%)

Green (89%)

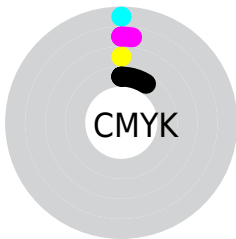
Blue (91%)



Red (90%)

Yellow (89%)

Blue (91%)

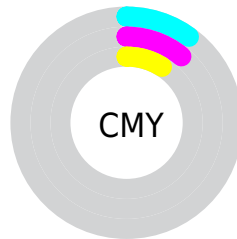


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5260, 77.5307, 86.6383 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 74.5260, 77.5307, 86.6383 by changing the saturation by 10% instead.

■ 74.5260, 77.5307,
86.6383

■ 74.5260, 77.5307,
86.6383

465.3091,
486.5716, 537.3189

■ 55.5175, 57.6885,
64.6380

124.6327,
129.8883, 144.5543

■ 40.0517, 41.5583,
46.7181

156.4615,
163.1726, 181.3071

■ 27.7632, 28.7556,
32.4601

193.2945,
201.7064, 223.8145

■ 18.2868, 18.8960,
21.4455

235.4970,
245.8741, 272.4949

■ 11.2570, 11.5952,
13.2556

283.4344,
296.0600, 327.7671

■ 6.3085, 6.4687,
7.4720

337.4719,

■ 3.0760, 3.1321,

352.6487, 390.0494

3.6761

397.9750,
416.0244, 459.7605

■ 1.1941, 1.2011,
1.4494

■ 0.1017, 0.0626,
0.1798

■ 74.5260, 77.5307,
86.6383

■ 74.5260, 77.5307,
86.6383

■ 66.8030, 64.7928,
84.5878

■ 83.1626, 92.0023,
88.9776

■ 59.9530, 53.7113,
82.8099

■ 86.6527, 96.0899,
89.5826

■ 53.9417, 44.2176,
81.2943

■ 88.6641, 97.1268,
89.6767

■ 48.7302, 36.2349,
80.0282

■ 90.7387, 98.1963,
89.7738

■ 44.2762, 29.6794,
78.9976

■ 91.4240, 98.5496,
89.8059

■ 40.5333, 24.4593,
78.1873

■ 37.4498, 20.4720,
77.5801

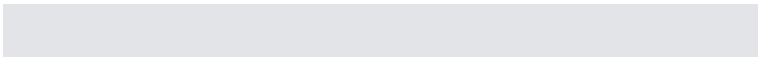
■ 34.9662, 17.5994,
77.1566

■ 33.0111, 15.6999,
76.8930

Harmonies

Analogous

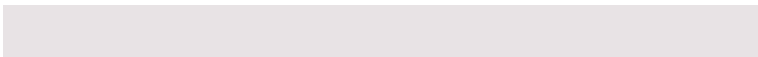
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0275, 77.5307, 87.5540



74.5260, 77.5307, 86.6383



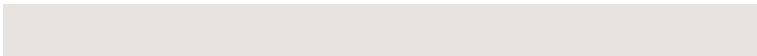
74.8012, 77.5307, 85.1344

Triad

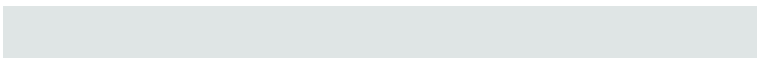
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5260, 77.5307, 86.6383



73.9404, 77.5307, 81.2923



72.6141, 77.5307, 85.3849

Complementary

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



74.5260, 77.5307, 86.6383



74.4390, 79.1940, 84.0397

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.



72.5910, 77.5307, 83.7051



74.5260, 77.5307, 86.6383



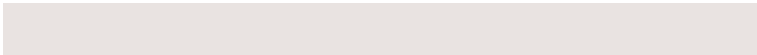
73.3547, 77.5307, 81.3573

Square

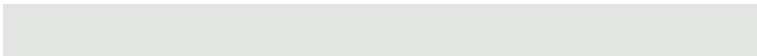
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5260, 77.5307, 86.6383



74.4619, 77.5307, 82.0566



72.8615, 77.5307, 82.2355



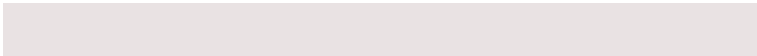
72.9246, 77.5307, 86.8238

Rectangle

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



74.5260, 77.5307, 86.6383



74.8201, 77.5307, 84.0075



72.8615, 77.5307, 82.2355



72.5725, 77.5307, 84.8293

Sweetspot

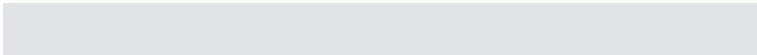
The Sweet Spot groups the original color and five complimentary colors.



74.5282, 77.5340, 86.6400



94.0075, 98.2629, 108.6197



73.8673, 77.6274, 86.6928



20.1325, 21.0506, 23.2520



0.0000, 0.0000, 0.0000



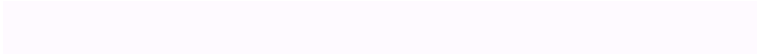
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5282, 77.5340, 86.6400



92.9765, 96.5478, 108.3429



74.7188, 77.6474, 85.9632



15.8869, 16.5103, 18.4938



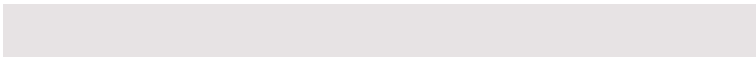
17.8897, 8.2884, 43.0401



1.4056, 0.6556, 3.1844

Inverse Universe

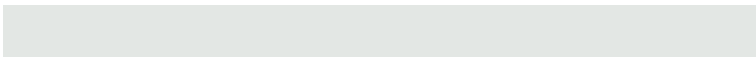
The Inverse Universe completely reimagines the original color for something new.



74.4305, 77.5321, 84.4452



92.8350, 96.5453, 105.1549



74.2516, 79.0825, 84.7046



15.8642, 16.5098, 17.9820



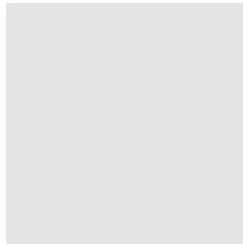
18.9425, 9.7112, 3.3261



1.4364, 0.7323, 0.4385

Previews

White Background



This preview shows how the XYZ color 74.5260, 77.5307, 86.6383 looks on a white background.

Color Contrast Check

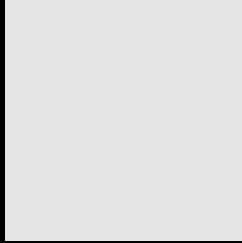
Large Text (above 18pt) WCAG AA × Fail

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 74.5260, 77.5307, 86.6383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

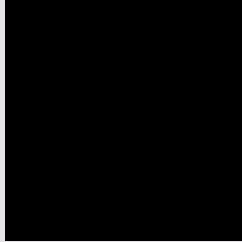
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

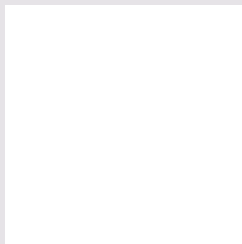
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5260, 77.5307, 86.6383

Background



This preview shows how black text looks on a background with the XYZ color 74.5260, 77.5307, 86.6383.



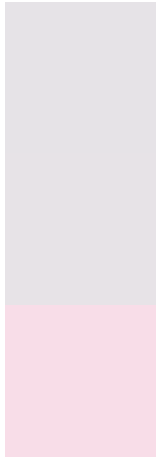
This preview shows how white text looks on a background with the XYZ color 74.5260, 77.5307,

86.6383.

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

74.5260, 77.5307, 86.6383

Protanopia

74.8479, 77.6966, 86.6533

Deuteranopia

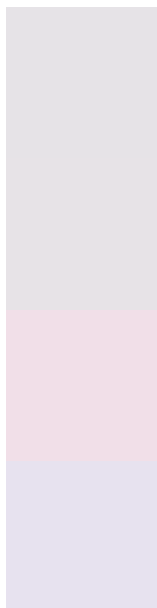
79.1333, 77.4956, 87.1313



Tritanopia

76.3816, 77.4773, 95.7229

Trichromacy



Original Color

74.5260, 77.5307, 86.6383

Protanomaly

74.8479, 77.6966, 86.6533

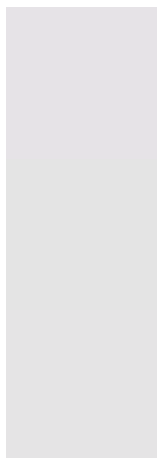
Deuteranomaly

77.2288, 77.3023, 87.1944

Tritanomaly

75.7313, 77.6136, 92.6508

Monochromacy



Original Color

74.5260, 77.5307, 86.6383

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1994, 77.8020, 85.2353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5260, 77.5307, 86.6383 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, 227, 231) looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 231)  
}
```

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, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.5260, 77.5307, 86.6383 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, 227, 231) }
```


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

```
.border{ border-color:rgb(230, 227, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5260, 77.5307, 86.6383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 231) }
```

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

```
.background{ background-color: rgb(230,  
227, 231) }
```

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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