

Converting Colors

XYZ(74.3161, 77.8755, 87.2145)

Have a look what the booklet for
XYZ(74.3161, 77.8755, 87.2145)
contains.

XYZ(74.3038, 77.8070, 87.4459)	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(74.3038, 77.8070,
87.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4E8
RGB	228, 228, 232
RGB Percent	89%, 89%, 91%
CMY	0.1059, 0.1059, 0.0902
CMYK	0.02, 0.02, 0.00, 0.09
HSL	240°, 8%, 90%
HSV	240°, 2%, 91%
XYZ	74.3038, 77.8070, 87.4459
YIQ	228.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

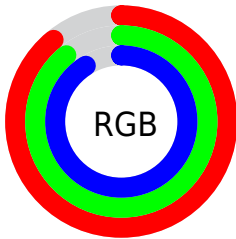
Format	Color
R _Y B	228, 228, 232
Decimal	15000808
CIE Lab	90.69, 0.73, -1.95
CIE LCh	91, 2.084, 290.379
Yxy	77.8070, 0.3102, 0.3248
Android (android.graphics.Color)	4293190888 (0xFFE4E4E8)
YUV	228.4560, 1.7472, -0.3999
Hunter-Lab	88.2083, -4.0019, 2.9682

Details

The XYZ color **74.3038, 77.8070, 87.4459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1390, 80.4695, 84.9192**, and the grayscale version is **74.0669, 77.9241, 84.8594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0136, 41.9060, 47.0540** is the 20% darker color. If you saturate the color by 10%, you get **61.4779, 62.3575, 85.1410**, and if you desaturate by 10%, it is **88.9765, 95.4819, 90.0853**.

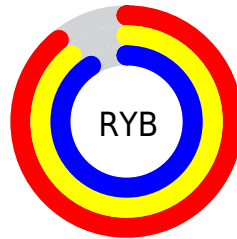
Distribution



Red (89%)

Green (89%)

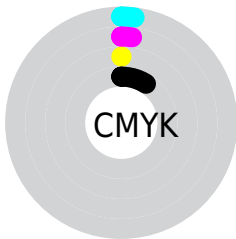
Blue (91%)



Red (89%)

Yellow (89%)

Blue (91%)

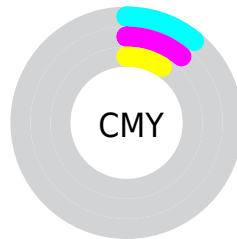


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3038, 77.8070, 87.4459 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 74.3038, 77.8070, 87.4459 by changing the saturation by 10% instead.

■ 74.3038, 77.8070,
87.4459

■ 74.3038, 77.8070,
87.4459

464.5554,
487.5111, 540.0412

■ 55.3349, 57.9154,
65.3025

124.3196,
130.2780, 145.6898

■ 39.9048, 41.7407,
47.2535

156.0971,
163.6263, 182.6275

■ 27.6482, 28.8983,
32.8804

192.8749,
202.2289, 225.3337

■ 18.1997, 19.0039,
21.7644

235.0184,
246.4703, 274.2269

■ 11.1940, 11.6731,
13.4873

282.8928,
296.7348, 329.7257

■ 6.2658, 6.5215,
7.6303

336.8635,

■ 3.0495, 3.1647,

353.4068, 392.2487

3.7749

397.2959,
416.8708, 462.2143

■ 1.1800, 1.2183,
1.5027

■ 0.0905, 0.0766,
0.2199

■ 74.3038, 77.8070,
87.4459

■ 74.3038, 77.8070,
87.4459

■ 61.4779, 62.3575,
85.1410

■ 88.9765, 95.4819,
90.0853

■ 50.4194, 49.0356,
83.1525

■ 91.5657, 98.6063,
90.5519

■ 41.0529, 37.7513,
81.4681

■ 33.2949, 28.4041,
80.0728

■ 27.0550, 20.8852,
78.9504

■ 22.2337, 15.0749,
78.0830

■ 18.7200, 10.8393,
77.4506

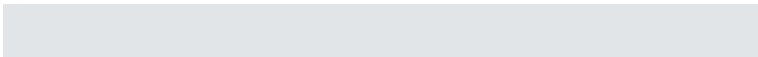
■ 16.3858, 8.0246,
77.0303

■ 15.0780, 6.4464,
76.7946

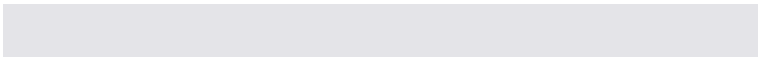
Harmonies

Analogous

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



73.7854, 77.8070, 87.5886



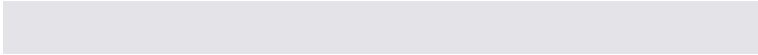
74.3038, 77.8070, 87.4459



74.7302, 77.8070, 86.5677

Triad

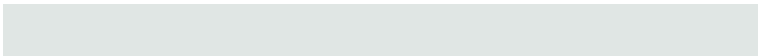
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3038, 77.8070, 87.4459



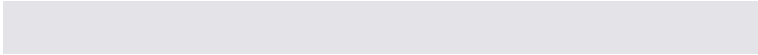
74.5961, 77.8070, 82.5205



72.9666, 77.8070, 84.2384

Complementary

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



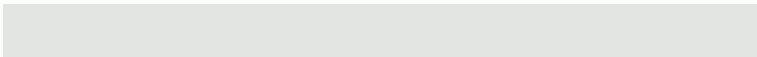
74.3038, 77.8070, 87.4459



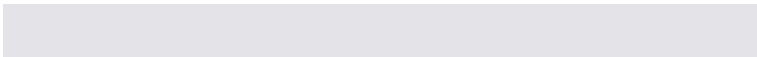
76.1390, 80.4695, 84.9192

Split Complementary

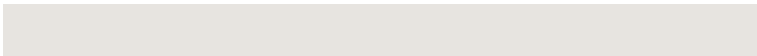
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1817, 77.8070, 82.8960



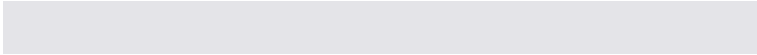
74.3038, 77.8070, 87.4459



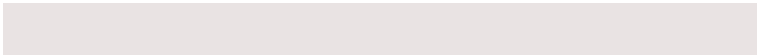
74.1213, 77.8070, 81.9119

Square

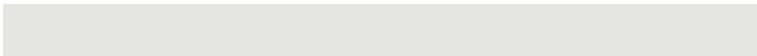
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



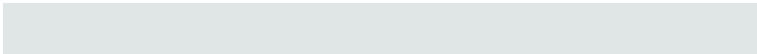
74.3038, 77.8070, 87.4459



74.8995, 77.8070, 83.7201



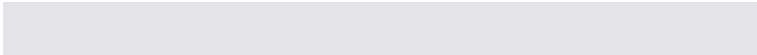
73.6037, 77.8070, 82.0486



73.0150, 77.8070, 85.7250

Rectangle

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



74.3038, 77.8070, 87.4459



74.9041, 77.8070, 85.6889



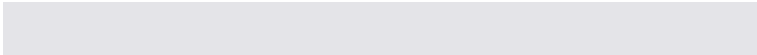
73.6037, 77.8070, 82.0486



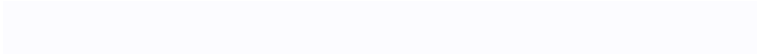
73.0105, 77.8070, 83.7556

Sweetspot

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



74.3060, 77.8103, 87.4476



93.3107, 97.9049, 108.5873



75.4087, 80.0308, 87.7684



19.9907, 20.9778, 23.2454



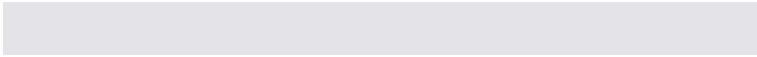
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.3060, 77.8103, 87.4476



91.5946, 95.8377, 108.2787



74.9218, 78.1262, 87.4761



15.6650, 16.3962, 18.4835



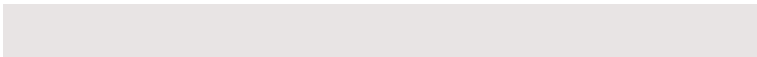
8.0881, 3.2382, 42.5819



0.5981, 0.2401, 3.1468

Inverse Universe

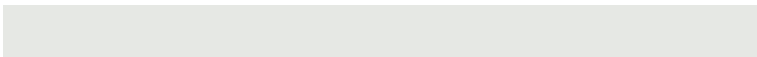
The Inverse Universe completely reimagines the original color for something new.



75.0274, 78.2455, 84.5513



92.6350, 96.4652, 104.1016



75.5159, 80.1499, 84.8903



15.8321, 16.4970, 17.8128



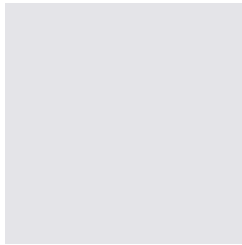
18.4760, 9.5246, 0.8696



1.3655, 0.7039, 0.0653

Previews

White Background



This preview shows how the XYZ color 74.3038, 77.8070, 87.4459 looks on a white background.

Color Contrast Check

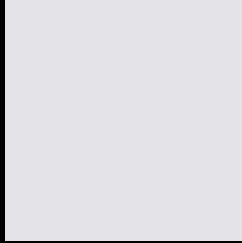
Large Text (above 18pt) WCAG AA × Fail

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 74.3038, 77.8070, 87.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

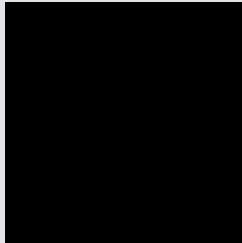
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

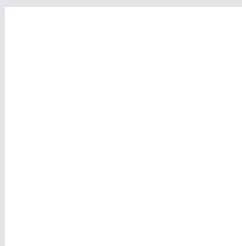
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3038, 77.8070, 87.4459

Background



This preview shows how black text looks on a background with the XYZ color 74.3038, 77.8070, 87.4459.



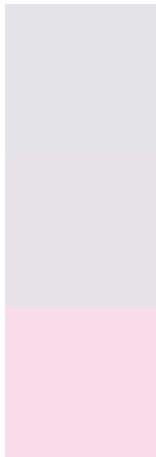
This preview shows how white text looks on a background with the XYZ color 74.3038, 77.8070,

87.4459.

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

74.3038, 77.8070, 87.4459

Protanopia

74.8479, 77.6966, 86.6533

Deuteranopia

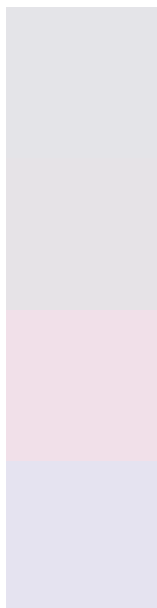
79.2758, 77.5526, 87.8816



Tritanopia

76.1586, 77.7474, 96.5807

Trichromacy



Original Color

74.3038, 77.8070, 87.4459

Protanomaly

74.5260, 77.5307, 86.6383

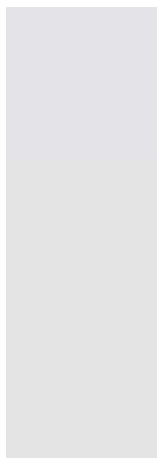
Deuteranomaly

77.6393, 77.8953, 88.0341

Tritanomaly

75.5104, 77.8875, 93.4920

Monochromacy



Original Color

74.3038, 77.8070, 87.4459

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8812, 77.6379, 85.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3038, 77.8070, 87.4459 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, 228, 232) looks like.

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

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, 228, 232) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 74.3038, 77.8070, 87.4459 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, 228, 232) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 74.3038, 77.8070, 87.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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