

Converting Colors

XYZ(73.7754, 77.4708, 88.1937)

Have a look what the booklet for
XYZ(73.7754, 77.4708, 88.1937)
contains.

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Color

**XYZ(73.8154, 77.5387,
88.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4E9
RGB	226, 228, 233
RGB Percent	89%, 89%, 91%
CMY	0.1137, 0.1059, 0.0863
CMYK	0.03, 0.02, 0.00, 0.09
HSL	223°, 14%, 90%
HSV	223°, 3%, 91%
XYZ	73.8154, 77.5387, 88.1668
YIQ	227.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

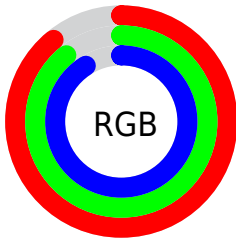
Format	Color
R_{YB}	226, 228, 233
Decimal	14869737
CIE Lab	90.57, 0.24, -2.67
CIE LCh	91, 2.685, 275.199
Yxy	77.5387, 0.3082, 0.3237
Android (android.graphics.Color)	4293059817 (0xFFE2E4E9)
YUV	227.9720, 2.4788, -1.7294
Hunter-Lab	88.0561, -4.4656, 2.2747

Details

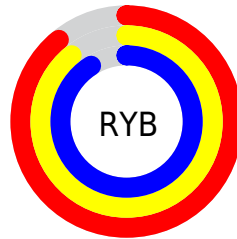
The XYZ color **73.8154, 77.5387, 88.1668** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9079, 79.9657, 83.3869**, and the grayscale version is **73.7081, 77.5467, 84.4483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6740, 41.7194, 47.5566** is the 20% darker color. If you saturate the color by 10%, you get **62.6430, 65.3127, 86.3970**, and if you desaturate by 10%, it is **86.4253, 91.1635, 90.1332**.

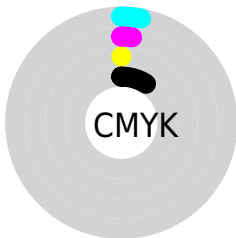
Distribution



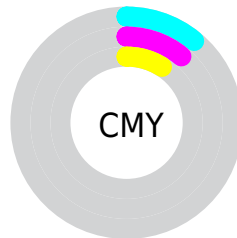
- Red (89%)
- Green (89%)
- Blue (91%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8154, 77.5387, 88.1668 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 73.8154, 77.5387, 88.1668 by changing the saturation by 10% instead.

■ 73.8154, 77.5387,
88.1668

■ 73.8154, 77.5387,
88.1668

462.8962,
486.5988, 542.4648

■ 54.9337, 57.6951,
65.8961

123.6310,
129.8996, 146.7025

■ 39.5823, 41.5636,
47.7321

155.2956,
163.1858, 183.8046

■ 27.3958, 28.7597,
33.2563

191.9519,
201.7215, 226.6876

■ 18.0088, 18.8991,
22.0501

233.9653,
245.8913, 275.7701

■ 11.0560, 11.5974,
13.6951

281.7010,
296.0796, 331.4704

■ 6.1721, 6.4702,
7.7726

335.5245,

■ 2.9917, 3.1330,

352.6706, 394.2073

3.8641

395.8011,
416.0489, 464.3993

■ 1.1494, 1.2016,
1.5511

■ 0.0658, 0.0630,
0.2556

■ 73.8154, 77.5387,
88.1668

■ 73.8154, 77.5387,
88.1668

■ 62.6430, 65.3127,
86.3970

■ 86.4253, 91.1635,
90.1332

■ 52.8492, 54.4302,
84.8126

■ 91.7082, 98.6633,
91.3024

■ 44.3809, 44.8468,
83.4092

■ 37.1789, 36.5120,
82.1800

■ 31.1792, 29.3715,
81.1179

■ 26.3123, 23.3669,
80.2155

■ 22.5006, 18.4345,
79.4643

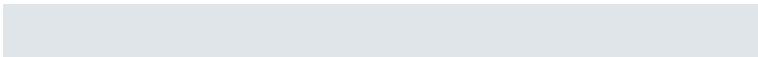
■ 19.6562, 14.5032,
78.8554

■ 17.6747, 11.4914,
78.3785

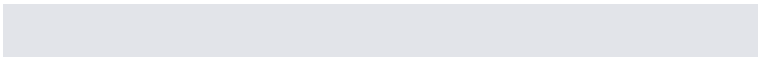
Harmonies

Analogous

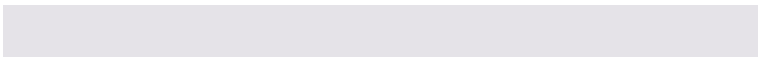
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1574, 77.5387, 87.8315



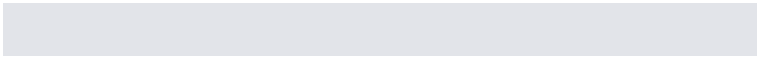
73.8154, 77.5387, 88.1668



74.4458, 77.5387, 87.4875

Triad

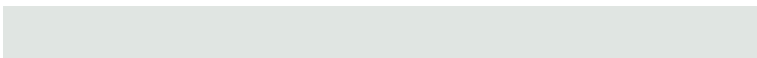
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8154, 77.5387, 88.1668



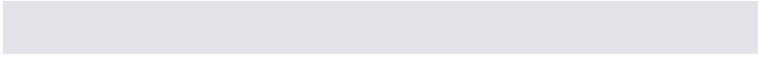
74.7594, 77.5387, 82.3107



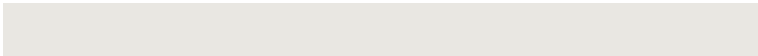
72.5311, 77.5387, 82.8833

Complementary

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



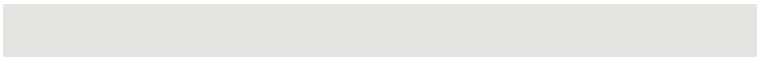
73.8154, 77.5387, 88.1668



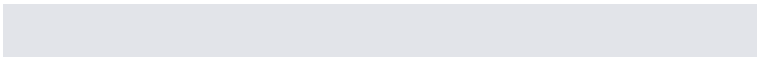
75.9079, 79.9657, 83.3869

Split Complementary

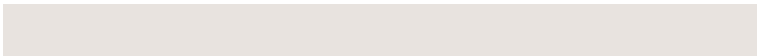
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9557, 77.5387, 81.4376



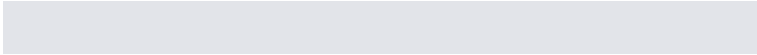
73.8154, 77.5387, 88.1668



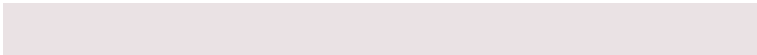
74.2417, 77.5387, 81.1106

Square

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



73.8154, 77.5387, 88.1668



74.9929, 77.5387, 84.0915



73.5811, 77.5387, 80.7934



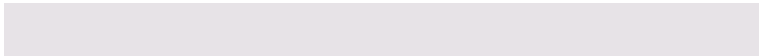
72.4185, 77.5387, 84.7624

Rectangle

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



73.8154, 77.5387, 88.1668



74.7646, 77.5387, 86.5567



73.5811, 77.5387, 80.7934



72.6420, 77.5387, 82.3314

Sweetspot

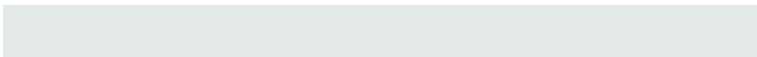
The Sweet Spot groups the original color and five complimentary colors.



73.8176, 77.5420, 88.1685



93.5402, 98.3638, 108.6638



74.9138, 80.2117, 87.0625



20.0374, 21.0712, 23.2610



0.0000, 0.0000, 0.0000



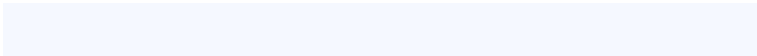
20.3446, 21.4041, 23.3091

Same Dimension

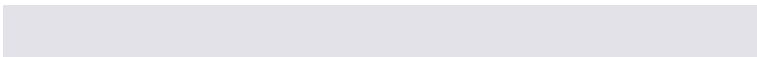
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8176, 77.5420, 88.1685



89.1177, 93.5590, 107.9694



73.7104, 76.6732, 88.0064



15.7568, 16.5349, 19.2833



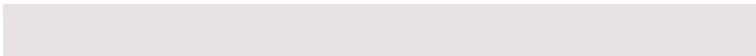
9.5657, 5.7784, 44.3541



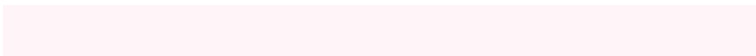
0.8308, 0.6131, 3.5094

Inverse Universe

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



74.8059, 77.3193, 84.3840



90.7317, 93.2038, 101.7870



76.0166, 80.8590, 83.5536



16.0956, 16.4616, 17.9855



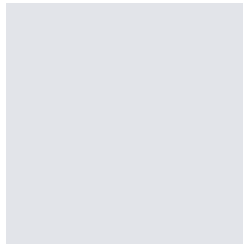
19.6836, 10.0761, 4.1353



1.5859, 0.8073, 0.5365

Previews

White Background



This preview shows how the XYZ color 73.8154, 77.5387, 88.1668 looks on a white background.

Color Contrast Check

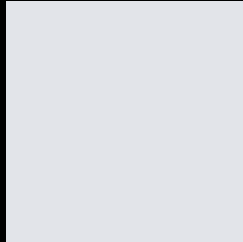
Large Text (above 18pt) WCAG AA × Fail

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 73.8154, 77.5387, 88.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

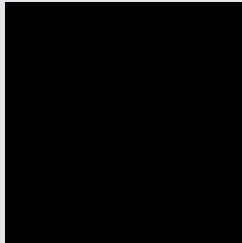
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

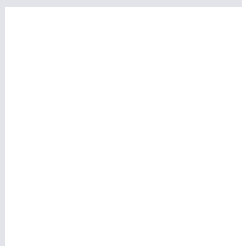
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8154, 77.5387, 88.1668

Background



This preview shows how black text looks on a background with the XYZ color 73.8154, 77.5387, 88.1668.



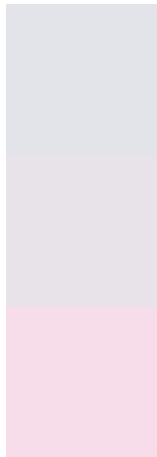
This preview shows how white text looks on a background with the XYZ color 73.8154, 77.5387,

88.1668.

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

73.8154, 77.5387, 88.1668

Protanopia

74.9896, 77.7533, 87.3994

Deuteranopia

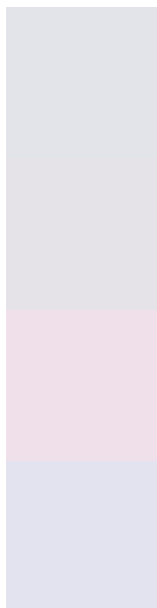
79.0655, 77.4276, 88.6197



Tritanopia

75.5204, 77.4183, 96.5508

Trichromacy



Original Color

73.8154, 77.5387, 88.1668

Protanomaly

74.3477, 77.4224, 87.3694

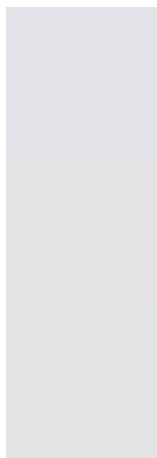
Deuteranomaly

77.1035, 77.6025, 88.7569

Tritanomaly

74.8758, 77.5603, 93.4623

Monochromacy



Original Color

73.8154, 77.5387, 88.1668

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7049, 77.5309, 85.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8154, 77.5387, 88.1668 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(226, 228, 233) looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 233)  
}
```

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(226, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 233) }
```

Border

The CSS property to change the border of an element to XYZ 73.8154, 77.5387, 88.1668 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(226, 228, 233) }
```


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

```
.border{ border-color:rgb(226, 228, 233) }
```

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

Here you see how a box with a 4 pixel rgb(226, 228, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 233);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8154, 77.5387, 88.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 233) }
```

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

```
.background{ background-color: rgb(226,  
228, 233) }
```

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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