

Converting Colors

XYZ(73.9243, 77.8048, 87.0297)

Have a look what the booklet for
XYZ(73.9243, 77.8048, 87.0297)
contains.

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Color

**XYZ(73.8458, 77.5872,
86.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E4E7
RGB	227, 228, 231
RGB Percent	89%, 89%, 91%
CMY	0.1098, 0.1059, 0.0941
CMYK	0.02, 0.01, 0.00, 0.09
HSL	225°, 8%, 90%
HSV	225°, 2%, 91%
XYZ	73.8458, 77.5872, 86.6850
YIQ	228.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

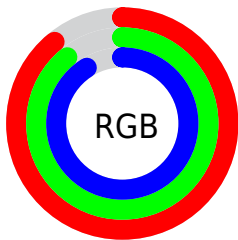
Format	Color
R_{YB}	227, 228, 231
Decimal	14935271
CIE Lab	90.59, 0.21, -1.59
CIE LCh	91, 1.600, 277.568
Yxy	77.5872, 0.3101, 0.3258
Android (android.graphics.Color)	4293125351 (0xFFE3E4E7)
YUV	228.0430, 1.4578, -0.9147
Hunter-Lab	88.0836, -4.4990, 3.3099

Details

The XYZ color **73.8458, 77.5872, 86.6850** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1171, 79.1279, 83.9885**, and the grayscale version is **73.7667, 77.6083, 84.5154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6947, 41.7529, 46.5244** is the 20% darker color. If you saturate the color by 10%, you get **62.5189, 65.0330, 84.8600**, and if you desaturate by 10%, it is **86.6312, 91.6049, 88.7180**.

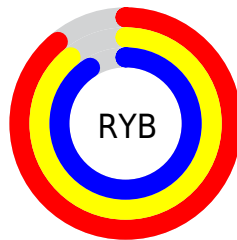
Distribution



Red (89%)

Green (89%)

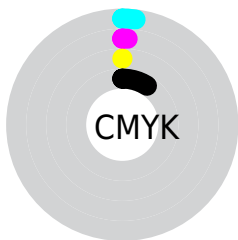
Blue (91%)



Red (89%)

Yellow (89%)

Blue (91%)

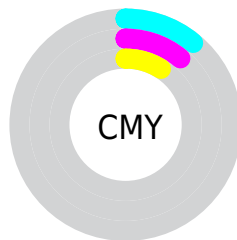


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8458, 77.5872, 86.6850 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 73.8458, 77.5872, 86.6850 by changing the saturation by 10% instead.

■ 73.8458, 77.5872,
86.6850

■ 73.8458, 77.5872,
86.6850

462.9995,
486.7638, 537.4765

■ 54.9587, 57.7349,
64.6764

123.6739,
129.9680, 144.6200

■ 39.6023, 41.5956,
46.7491

155.3455,
163.2654, 181.3835

■ 27.4115, 28.7848,
32.4844

192.0094,
201.8133, 223.9024

■ 18.0207, 18.9181,
21.4639

234.0309,
245.9960, 272.5952

■ 11.0646, 11.6111,
13.2690

281.7752,
296.1981, 327.8805

■ 6.1779, 6.4794,
7.4811

335.6079,

■ 2.9953, 3.1387,

352.8038, 390.1768

3.6818

395.8942,
416.1975, 459.9026

■ 1.1513, 1.2046,
1.4525

■ 0.0674, 0.0654,
0.1821

■ 73.8458, 77.5872,
86.6850

■ 73.8458, 77.5872,
86.6850

■ 62.5189, 65.0330,
84.8600

■ 86.6312, 91.6049,
88.7180

■ 52.5912, 53.8847,
83.2314

■ 91.4240, 98.5496,
89.8058

■ 44.0092, 44.0950,
81.7941

■ 36.7132, 35.6105,
80.5410

■ 30.6389, 28.3740,
79.4643

■ 25.7165, 22.3238,
78.5560

■ 21.8684, 17.3926,
77.8070

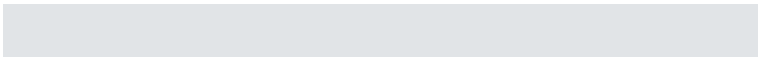
■ 19.0070, 13.5058,
77.2075

■ 17.0290, 10.5780,
76.7467

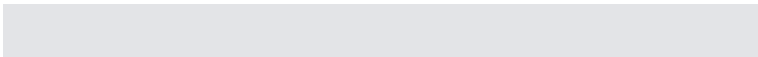
Harmonies

Analogous

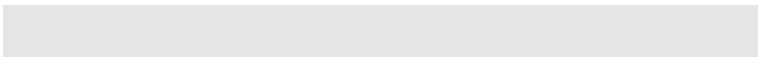
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4508, 77.5872, 86.5348



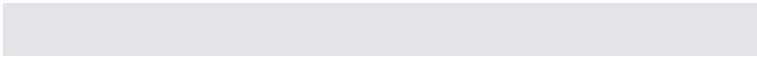
73.8458, 77.5872, 86.6850



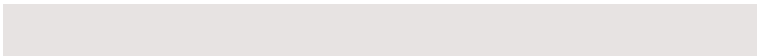
74.2149, 77.5872, 86.2399

Triad

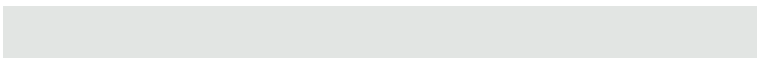
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8458, 77.5872, 86.6850



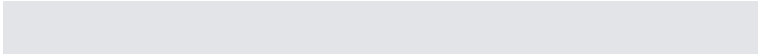
74.3565, 77.5872, 83.1414



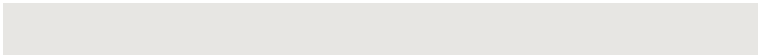
73.0346, 77.5872, 83.6403

Complementary

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



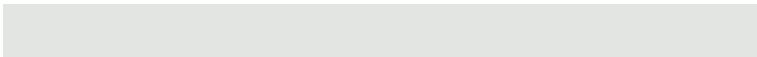
73.8458, 77.5872, 86.6850



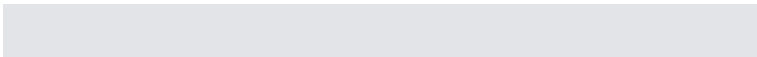
75.1171, 79.1279, 83.9885

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.



73.2757, 77.5872, 82.7427



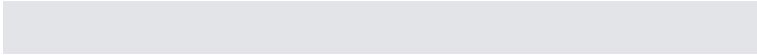
73.8458, 77.5872, 86.6850



74.0386, 77.5872, 82.4565

Square

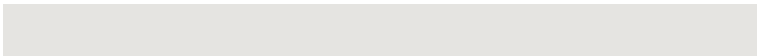
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



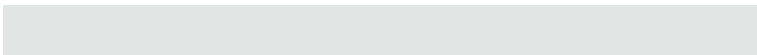
73.8458, 77.5872, 86.6850



74.5105, 77.5872, 84.1891



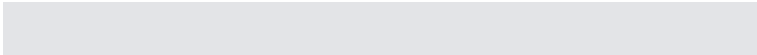
73.6429, 77.5872, 82.3113



72.9834, 77.5872, 84.7701

Rectangle

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



73.8458, 77.5872, 86.6850



74.3964, 77.5872, 85.6679



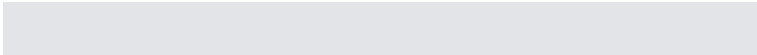
73.6429, 77.5872, 82.3113



73.0961, 77.5872, 83.3017

Sweetspot

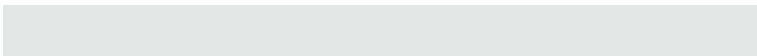
The Sweet Spot groups the original color and five complimentary colors.



73.8480, 77.5905, 86.6867



93.5117, 98.3068, 108.6543



74.5293, 79.1934, 86.1728



20.0316, 21.0596, 23.2591



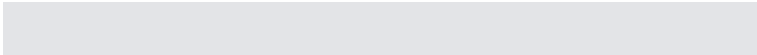
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

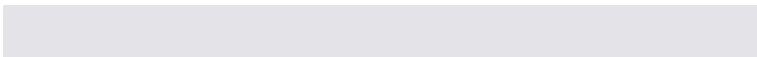
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8480, 77.5905, 86.6867



91.9918, 96.6321, 108.4111



73.8679, 77.1921, 86.6088



15.7288, 16.5239, 18.5048



9.0163, 5.0948, 42.8913



0.7389, 0.5217, 3.1937

Inverse Universe

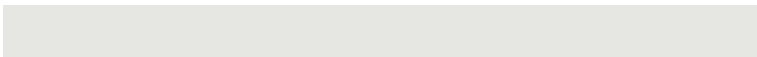
The Inverse Universe completely reimagines the original color for something new.



74.4294, 77.5301, 84.4446



92.8354, 96.5454, 105.1574



75.0968, 79.5331, 84.0678



15.8643, 16.5099, 17.9825



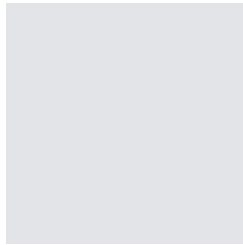
18.9445, 9.7120, 3.3369



1.4366, 0.7323, 0.4395

Previews

White Background



This preview shows how the XYZ color 73.8458, 77.5872, 86.6850 looks on a white background.

Color Contrast Check

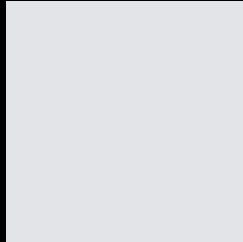
Large Text (above 18pt) WCAG AA × Fail

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 73.8458, 77.5872, 86.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

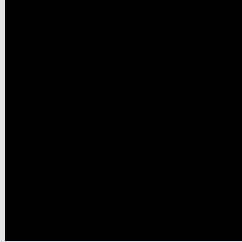
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

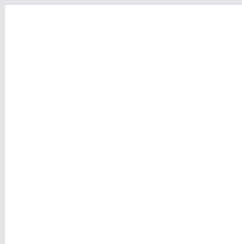
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8458, 77.5872, 86.6850

Background



This preview shows how black text looks on a background with the XYZ color 73.8458, 77.5872, 86.6850.



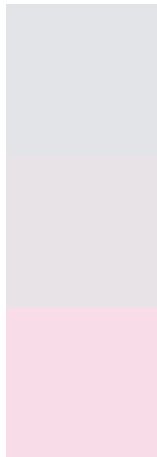
This preview shows how white text looks on a background with the XYZ color 73.8458, 77.5872,

86.6850.

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

73.8458, 77.5872, 86.6850

Protanopia

74.7070, 77.6403, 85.9115

Deuteranopia

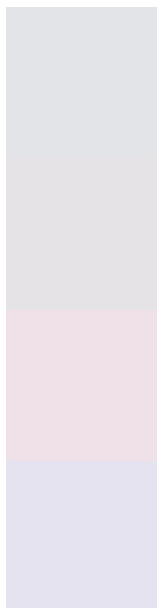
79.1333, 77.4956, 87.1313



Tritanopia

75.8386, 77.5824, 96.5657

Trichromacy



Original Color

73.8458, 77.5872, 86.6850

Protanomaly

74.3851, 77.4743, 85.8964

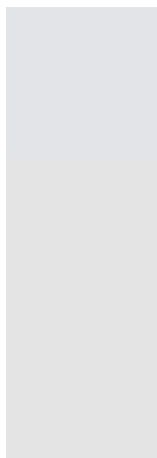
Deuteranomaly

77.1563, 77.6628, 87.2678

Tritanomaly

75.0440, 77.6641, 92.6968

Monochromacy



Original Color

73.8458, 77.5872, 86.6850

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 73.8458, 77.5872, 86.6850 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(227, 228, 231) looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 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(227, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.8458, 77.5872, 86.6850 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(227, 228, 231) }
```


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

```
.border{ border-color:rgb(227, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8458, 77.5872, 86.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 231) }
```

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

```
.background{ background-color: rgb(227,  
228, 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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