

Converting Colors

XYZ(73.3811, 75.2287, 87.7496)

Have a look what the booklet for
XYZ(73.3811, 75.2287, 87.7496)
contains.

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Color

**XYZ(73.4088, 75.3166,
87.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFE9
RGB	229, 223, 233
RGB Percent	90%, 87%, 91%
CMY	0.1020, 0.1255, 0.0863
CMYK	0.02, 0.04, 0.00, 0.09
HSL	276°, 19%, 89%
HSV	276°, 4%, 91%
XYZ	73.4088, 75.3166, 87.7593
YIQ	225.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

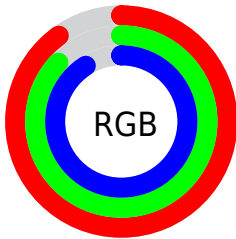
Format	Color
R _Y B	229, 223, 233
Decimal	15065065
CIE Lab	89.54, 3.83, -4.16
CIE LCh	90, 5.653, 312.632
Yxy	75.3166, 0.3104, 0.3185
Android (android.graphics.Color)	4293255145 (0xFFE5DFE9)
YUV	225.9340, 3.4835, 2.6889
Hunter-Lab	86.7851, -0.8865, 0.7941

Details

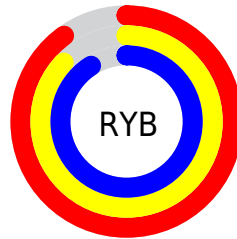
The XYZ color **73.4088, 75.3166, 87.7593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1396, 79.9384, 81.3380**, and the grayscale version is **72.2184, 75.9794, 82.7415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3940, 40.1783, 47.2739** is the 20% darker color. If you saturate the color by 10%, you get **64.7122, 62.2210, 85.6911**, and if you desaturate by 10%, it is **83.1261, 90.2143, 90.1238**.

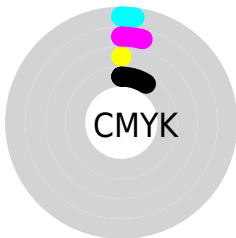
Distribution



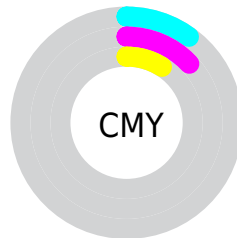
- Red (90%)
- Green (87%)
- Blue (91%)



- Red (90%)
- Yellow (87%)
- Blue (91%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4088, 75.3166, 87.7593 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 73.4088, 75.3166, 87.7593 by changing the saturation by 10% instead.

73.4088, 75.3166,
87.7593

73.4088, 75.3166,
87.7593

461.5123,
479.0051, 541.0955

54.5999, 55.8723,
65.5605

123.0574,
126.7604, 146.1302

39.3140, 40.1005,
47.4615

154.6278,
159.5287, 183.1394

27.1859, 27.6169,
33.0437

191.1826,
197.5072, 225.9225

17.8502, 18.0371,
21.8885

233.0874,
241.0801, 274.8981

10.9415, 10.9766,
13.5775

280.7074,
290.6320, 330.4846

6.0945, 6.0511,
7.6920

334.4080,

2.9439, 2.8762,

346.5472, 393.1007

3.8136

394.5545,
409.2101, 463.1648

■ 1.1241, 1.0674,
1.5236

■ 0.0452, 0.0000,
0.2354

■ 73.4088, 75.3166,
87.7593

■ 73.4088, 75.3166,
87.7593

■ 64.7122, 62.2210,
85.6911

■ 83.1261, 90.2143,
90.1238

■ 56.9927, 50.8469,
83.9025

■ 89.0550, 97.2955,
91.1781

■ 50.2126, 41.1220,
82.3828

■ 91.7082, 98.6633,
91.3023

■ 44.3294, 32.9651,
81.1184

■ 39.2969, 26.2877,
80.0948

■ 35.0644, 20.9924,
79.2958

■ 31.5750, 16.9697,
78.7032

■ 28.7631, 14.0928,
78.2961

■ 26.5493, 12.2071,
78.0488

Harmonies

Analogous

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



72.1713, 75.3166, 89.6929



73.4088, 75.3166, 87.7593



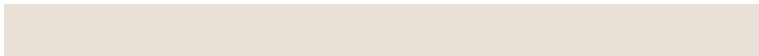
74.1634, 75.3166, 84.3096

Triad

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



73.4088, 75.3166, 87.7593



72.3857, 75.3166, 74.9270



69.0136, 75.3166, 83.6897

Complementary

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



73.4088, 75.3166, 87.7593



74.1396, 79.9384, 81.3380

Split Complementary

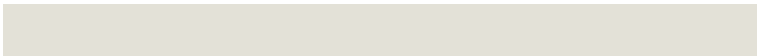
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0694, 75.3166, 79.7466



73.4088, 75.3166, 87.7593



71.0042, 75.3166, 74.7731

Square

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



73.4088, 75.3166, 87.7593



73.5675, 75.3166, 76.9389



69.7940, 75.3166, 76.5117



69.6407, 75.3166, 87.2928

Rectangle

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



73.4088, 75.3166, 87.7593



74.2852, 75.3166, 81.6566



69.7940, 75.3166, 76.5117



68.9534, 75.3166, 82.3584

Sweetspot

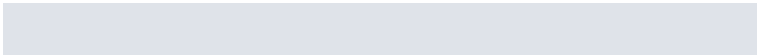
The Sweet Spot groups the original color and five complimentary colors.



73.4110, 75.3198, 87.7609



93.8675, 98.1908, 108.6131



72.6570, 76.6036, 88.0485



20.1040, 21.0359, 23.2507



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.



73.4110, 75.3198, 87.7609



89.2645, 91.1784, 107.5022



74.5833, 75.9379, 87.1960



15.8353, 16.1098, 19.1972



14.6038, 6.5644, 44.2403



1.2548, 0.5712, 3.4790

Inverse Universe

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



73.8598, 75.6485, 83.3856



89.9094, 91.6503, 101.2321



73.0051, 79.3406, 81.8727



15.9658, 16.2052, 17.9323



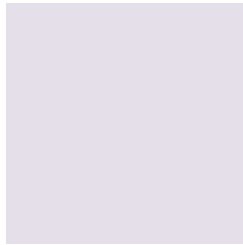
20.2521, 10.3035, 7.1287



1.6366, 0.8276, 0.8039

Previews

White Background



This preview shows how the XYZ color 73.4088, 75.3166, 87.7593 looks on a white background.

Color Contrast Check

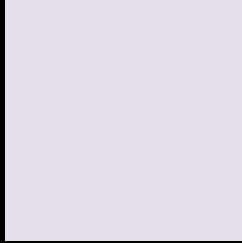
Large Text (above 18pt) WCAG AA × Fail

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 73.4088, 75.3166, 87.7593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

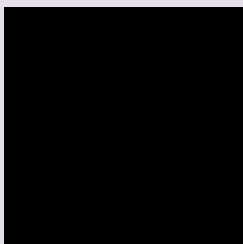
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

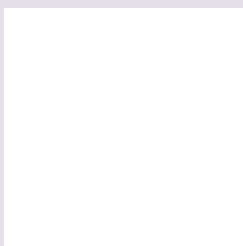
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4088, 75.3166, 87.7593

Background



This preview shows how black text looks on a background with the XYZ color 73.4088, 75.3166, 87.7593.

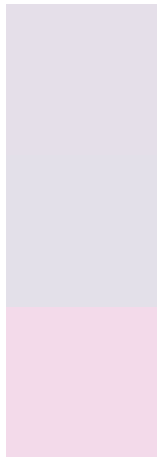


This preview shows how white text looks on a background with the XYZ color 73.4088, 75.3166,

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

73.4088, 75.3166, 87.7593

Protanopia

73.0422, 75.5254, 87.8189

Deuteranopia

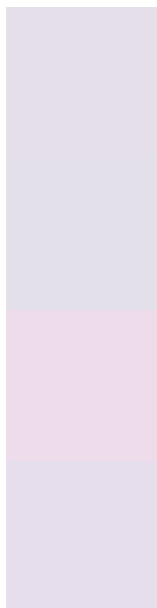
76.8848, 75.1380, 88.2927



Tritanopia

74.3344, 75.2975, 92.2774

Trichromacy



Original Color

73.4088, 75.3166, 87.7593

Protanomaly

73.3585, 75.6885, 87.8337

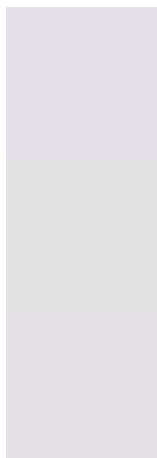
Deuteranomaly

75.7044, 75.3041, 88.3870

Tritanomaly

74.0405, 75.1800, 90.7296

Monochromacy



Original Color

73.4088, 75.3166, 87.7593

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7466, 75.8385, 84.9329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4088, 75.3166, 87.7593 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(229, 223, 233)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 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(229, 223, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 233) }
```

Border

The CSS property to change the border of an element to XYZ 73.4088, 75.3166, 87.7593 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(229, 223, 233) }
```


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

```
.border{ border-color:rgb(229, 223, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4088, 75.3166, 87.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 233) }
```

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

```
.background{ background-color: rgb(229,  
223, 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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