

Converting Colors

XYZ(73.0168, 75.9774, 88.5119)

Have a look what the booklet for
XYZ(73.0168, 75.9774, 88.5119)
contains.

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Color

**XYZ(73.1405, 75.9597,
88.6487)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1EA
RGB	226, 225, 234
RGB Percent	89%, 88%, 92%
CMY	0.1137, 0.1176, 0.0823
CMYK	0.03, 0.04, 0.00, 0.08
HSL	247°, 18%, 90%
HSV	247°, 4%, 92%
XYZ	73.1405, 75.9597, 88.6487
YIQ	226.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

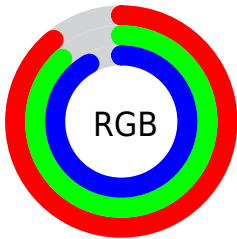
Format	Color
R _Y B	226, 225, 234
Decimal	14868970
CIE Lab	89.84, 1.98, -4.27
CIE LCh	90, 4.705, 294.858
Yxy	75.9597, 0.3076, 0.3195
Android (android.graphics.Color)	4293059050 (0xFFE2E1EA)
YUV	226.3250, 3.7838, -0.2850
Hunter-Lab	87.1549, -2.7235, 0.7022

Details

The XYZ color **73.1405, 75.9597, 88.6487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6207, 81.6076, 82.9515**, and the grayscale version is **72.5004, 76.2761, 83.0646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2052, 40.6217, 47.8939** is the 20% darker color. If you saturate the color by 10%, you get **61.1095, 61.0032, 86.3971**, and if you desaturate by 10%, it is **86.8347, 93.0648, 91.2297**.

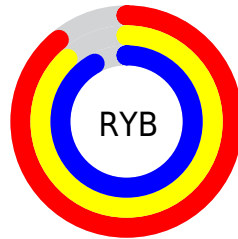
Distribution



Red (89%)

Green (88%)

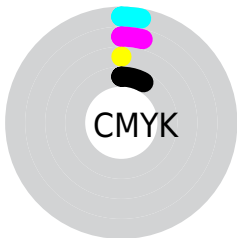
Blue (92%)



Red (89%)

Yellow (88%)

Blue (92%)

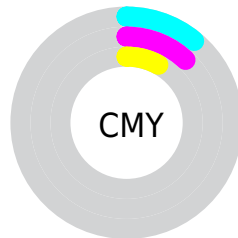


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1405, 75.9597, 88.6487 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 73.1405, 75.9597, 88.6487 by changing the saturation by 10% instead.

■ 73.1405, 75.9597,
88.6487

■ 73.1405, 75.9597,
88.6487

460.5979,
481.2097, 544.0815

■ 54.3796, 56.3995,
66.2930

122.6787,
127.6699, 147.3790

■ 39.1371, 40.5233,
48.0523

154.1868,
160.5887, 184.5908

■ 27.0476, 27.9468,
33.5081

190.6746,
198.7292, 227.5916

■ 17.7458, 18.2855,
22.2416

232.5076,
242.4756, 276.8001

■ 10.8662, 11.1552,
13.8345

280.0510,
292.2125, 332.6348

■ 6.0436, 6.1713,
7.8682

333.6703,

■ 2.9125, 2.9495,

348.3242, 395.5143

3.9242

393.7308,
411.1952, 465.8570

■ 1.1077, 1.1054,
1.5838

■ 0.0315, 0.0000,
0.2793

■ 73.1405, 75.9597,
88.6487

■ 73.1405, 75.9597,
88.6487

■ 61.1095, 61.0032,
86.3971

■ 86.8347, 93.0648,
91.2297

■ 50.6719, 48.1008,
84.4568

■ 91.8515, 98.7206,
92.0570

■ 41.7625, 37.1657,
82.8157

■ 34.3094, 28.1009,
81.4588

■ 28.2344, 20.8011,
80.3700

■ 23.4523, 15.1507,
79.5314

■ 19.8681, 11.0202,
78.9230

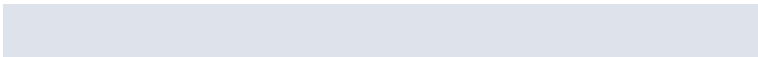
■ 17.3735, 8.2604,
78.5218

■ 15.8402, 6.6915,
78.2998

Harmonies

Analogous

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



71.9974, 75.9597, 89.2438



73.1405, 75.9597, 88.6487



74.0395, 75.9597, 86.4445

Triad

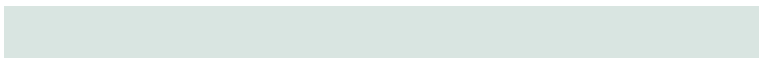
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1405, 75.9597, 88.6487



73.4908, 75.9597, 77.5854



69.9954, 75.9597, 82.1352

Complementary

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



73.1405, 75.9597, 88.6487



76.6207, 81.6076, 82.9515

Split Complementary

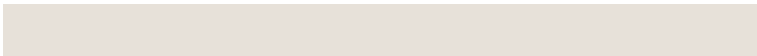
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3862, 75.9597, 79.0792



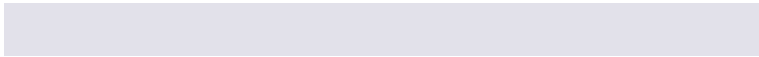
73.1405, 75.9597, 88.6487



72.3978, 75.9597, 76.4978

Square

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



73.1405, 75.9597, 88.6487



74.2433, 75.9597, 80.0470



71.2625, 75.9597, 77.0373



70.1895, 75.9597, 85.4257

Rectangle

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



73.1405, 75.9597, 88.6487



74.3752, 75.9597, 84.3896



71.2625, 75.9597, 77.0373



70.0626, 75.9597, 81.0474

Sweetspot

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



73.1427, 75.9629, 88.6504



93.4125, 97.9562, 108.5918



75.0723, 80.2846, 89.3828



20.0114, 20.9882, 23.2464



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.



73.1427, 75.9629, 88.6504



87.0676, 90.0458, 107.3994



74.5408, 76.6837, 88.7158



15.3935, 15.8821, 19.1765



8.6351, 3.4875, 43.9610



0.7296, 0.3004, 3.4544

Inverse Universe

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



75.5676, 77.2295, 88.0188



90.8901, 92.0426, 106.3961



75.2014, 80.8760, 82.8851



16.1635, 16.2843, 18.9735



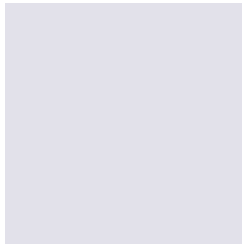
25.5010, 12.4031, 34.7694



2.0230, 0.9822, 2.8384

Previews

White Background



This preview shows how the XYZ color 73.1405, 75.9597, 88.6487 looks on a white background.

Color Contrast Check

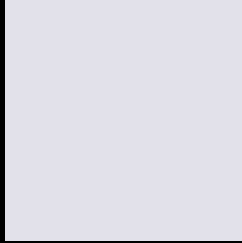
Large Text (above 18pt) WCAG AA × Fail

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 73.1405, 75.9597, 88.6487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

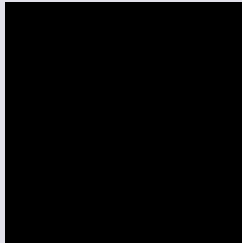
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

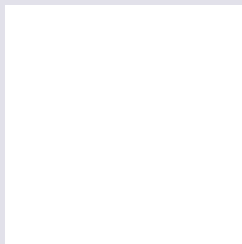
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1405, 75.9597, 88.6487

Background



This preview shows how black text looks on a background with the XYZ color 73.1405, 75.9597, 88.6487.



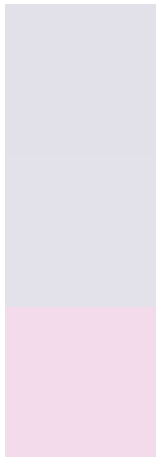
This preview shows how white text looks on a background with the XYZ color 73.1405, 75.9597,

88.6487.

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

73.1405, 75.9597, 88.6487

Protanopia

73.4550, 76.1218, 88.6634

Deuteranopia

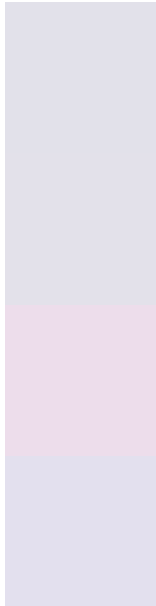
77.2891, 75.7159, 89.1383



Tritanopia

74.2114, 75.9931, 93.9759

Trichromacy



Original Color

73.1405, 75.9597, 88.6487

Protanomaly

73.4550, 76.1218, 88.6634

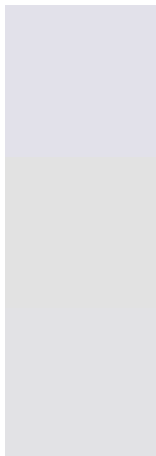
Deuteranomaly

75.7769, 75.7156, 89.2180

Tritanomaly

73.7668, 75.8152, 91.6348

Monochromacy



Original Color

73.1405, 75.9597, 88.6487

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7032, 76.2186, 85.0085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1405, 75.9597, 88.6487 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, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 234)  
}
```

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, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.1405, 75.9597, 88.6487 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, 225, 234) }
```


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

```
.border{ border-color:rgb(226, 225, 234) }
```

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

Here you see how a box with a 4 pixel rgb(226, 225, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1405, 75.9597, 88.6487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 234) }
```

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

```
.background{ background-color: rgb(226,  
225, 234) }
```

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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