

Converting Colors

XYZ(75.0570, 75.6904, 86.0786)

Have a look what the booklet for
XYZ(75.0570, 75.6904, 86.0786)
contains.

XYZ(75.1372, 75.8449, 86.2807)	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(75.1372, 75.8449,
86.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDEE7
RGB	236, 222, 231
RGB Percent	93%, 87%, 91%
CMY	0.0745, 0.1294, 0.0941
CMYK	0.00, 0.06, 0.02, 0.07
HSL	321°, 27%, 90%
HSV	321°, 6%, 93%
XYZ	75.1372, 75.8449, 86.2807
YIQ	227.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

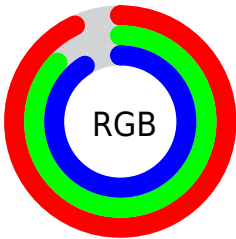
Format	Color
R _Y B	236, 222, 231
Decimal	15523559
CIE Lab	89.79, 6.34, -2.68
CIE LCh	90, 6.884, 337.061
Yxy	75.8449, 0.3167, 0.3197
Android (android.graphics.Color)	4293713639 (0xFFECDEE7)
YUV	227.2120, 1.8675, 7.7071
Hunter-Lab	87.0890, 1.5976, 2.2226

Details

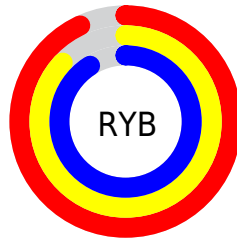
The XYZ color **75.1372, 75.8449, 86.2807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9877, 81.0687, 84.4253**, and the grayscale version is **73.1538, 76.9635, 83.8132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3790, 40.4359, 46.2341** is the 20% darker color. If you saturate the color by 10%, you get **68.1409, 63.7114, 78.2149**, and if you desaturate by 10%, it is **83.0726, 89.7626, 94.9444**.

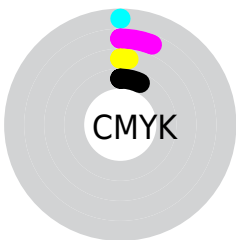
Distribution



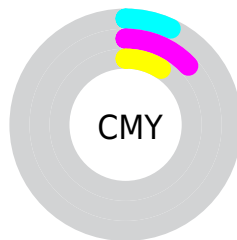
- Red (93%)
- Green (87%)
- Blue (91%)



- Red (93%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1372, 75.8449, 86.2807 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 75.1372, 75.8449, 86.2807 by changing the saturation by 10% instead.

75.1372, 75.8449,
86.2807

75.1372, 75.8449,
86.2807

467.3789,
480.8166, 536.1110

56.0199, 56.3053,
64.3439

125.4934,
127.5076, 144.0511

40.4559, 40.4478,
46.4813

157.4630,
160.3996, 180.7219

28.0800, 27.8878,
32.2744

194.4474,
198.5112, 223.1409

18.5267, 18.2411,
21.3046

236.8120,
242.2267, 271.7270

11.4308, 11.1232,
13.1534

284.9221,
291.9306, 326.8984

6.4268, 6.1498,
7.4023

339.1430,

3.1494, 2.9364,

348.0073, 389.0739

3.6327

399.8402,
410.8412, 458.6719

■ 1.2333, 1.0986,
1.4261

■ 0.1324, 0.0000,
0.1619

■ 75.1372, 75.8449,
86.2807

■ 75.1372, 75.8449,
86.2807

■ 68.1409, 63.7114,
78.2149

■ 83.0726, 89.7626,
94.9444

■ 62.0401, 53.2794,
70.7257

■ 87.2748, 96.1220,
102.6497

■ 56.7974, 44.4744,
63.7977

■ 88.4026, 96.5732,
108.5889

■ 52.3702, 37.2125,
57.4124

■ 48.7120, 31.4021,
51.5503

■ 45.7715, 26.9421,
46.1898

■ 43.4909, 23.7180,
41.3073

■ 41.8027, 21.5964,
36.8758

■ 40.6235, 20.4123,
32.8627

Harmonies

Analogous

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



74.0740, 75.8449, 90.2713



75.1372, 75.8449, 86.2807



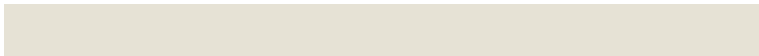
75.3774, 75.8449, 81.4381

Triad

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



75.1372, 75.8449, 86.2807



71.6877, 75.8449, 73.6454



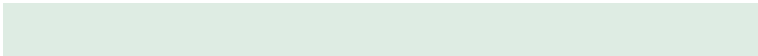
69.5140, 75.8449, 88.3469

Complementary

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



75.1372, 75.8449, 86.2807



73.9877, 81.0687, 84.4253

Split Complementary

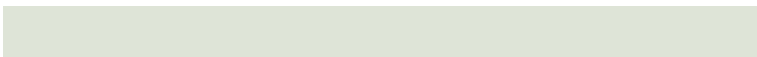
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8963, 75.8449, 83.7370



75.1372, 75.8449, 86.2807



70.1384, 75.8449, 75.3426

Square

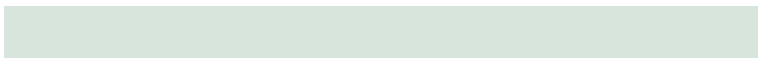
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1372, 75.8449, 86.2807



73.3684, 75.8449, 74.2665



69.1230, 75.8449, 78.9909



70.8232, 75.8449, 91.4965

Rectangle

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



75.1372, 75.8449, 86.2807



75.0352, 75.8449, 78.4007



69.1230, 75.8449, 78.9909



69.2196, 75.8449, 86.9098

Sweetspot

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



75.1394, 75.8482, 86.2823



93.1525, 96.6723, 106.8272



72.9116, 74.6169, 89.9178



19.9584, 20.7267, 22.8873



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.



75.1394, 75.8482, 86.2823



88.6078, 88.7313, 101.7714



74.1841, 75.4661, 81.2521



15.7645, 15.7238, 18.1081



22.2418, 11.0994, 17.6062



1.7921, 0.8898, 1.6226

Inverse Universe

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



75.1394, 75.8482, 86.2823



88.6078, 88.7313, 101.7714



74.9590, 81.4572, 89.5404



15.7645, 15.7238, 18.1081



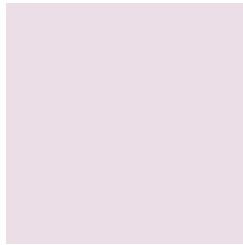
22.2418, 11.0994, 17.6062



1.7921, 0.8898, 1.6226

Previews

White Background



This preview shows how the XYZ color 75.1372, 75.8449, 86.2807 looks on a white background.

Color Contrast Check

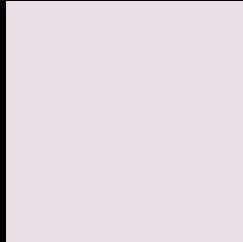
Large Text (above 18pt) WCAG AA × Fail

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 75.1372, 75.8449, 86.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

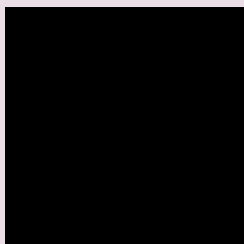
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

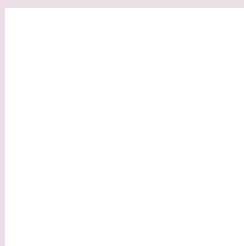
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1372, 75.8449, 86.2807

Background



This preview shows how black text looks on a background with the XYZ color 75.1372, 75.8449, 86.2807.

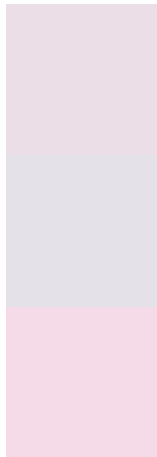


This preview shows how white text looks on a background with the XYZ color 75.1372, 75.8449,

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

75.1372, 75.8449, 86.2807

Protanopia

73.4856, 76.1706, 87.1732

Deuteranopia

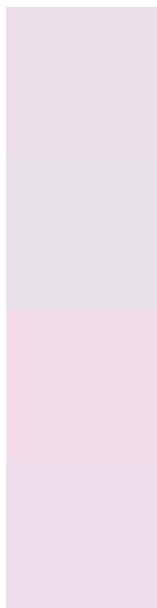
77.5532, 75.9017, 86.9069



Tritanopia

76.2141, 75.8905, 91.5203

Trichromacy



Original Color

75.1372, 75.8449, 86.2807

Protanomaly

74.1761, 76.1264, 87.1283

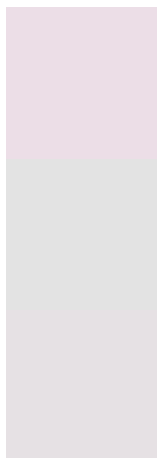
Deuteranomaly

76.7766, 75.8898, 86.9456

Tritanomaly

75.7769, 75.7156, 89.2180

Monochromacy



Original Color

75.1372, 75.8449, 86.2807

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5619, 76.2749, 84.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1372, 75.8449, 86.2807 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(236, 222, 231) looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 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(236, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.1372, 75.8449, 86.2807 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(236, 222, 231) }
```


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

```
.border{ border-color:rgb(236, 222, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1372, 75.8449, 86.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 231) }
```

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

```
.background{ background-color: rgb(236,  
222, 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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