

Converting Colors

XYZ(75.7062, 75.8326, 87.2222)

Have a look what the booklet for
XYZ(75.7062, 75.8326, 87.2222)
contains.

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Color

**XYZ(75.6818, 75.7162,
86.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDDE8
RGB	238, 221, 232
RGB Percent	93%, 87%, 91%
CMY	0.0667, 0.1333, 0.0902
CMYK	0.00, 0.07, 0.03, 0.07
HSL	321°, 33%, 90%
HSV	321°, 7%, 93%
XYZ	75.6818, 75.7162, 86.9698
YIQ	227.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

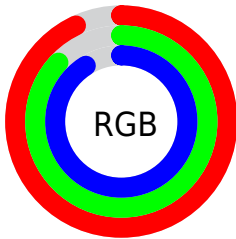
Format	Color
R _Y B	238, 221, 232
Decimal	15654376
CIE Lab	89.73, 7.71, -3.28
CIE LCh	90, 8.380, 336.974
Yxy	75.7162, 0.3175, 0.3176
Android (android.graphics.Color)	4293844456 (0xFFEEDDE8)
YUV	227.3370, 2.2989, 9.3515
Hunter-Lab	87.0151, 2.9750, 1.6514

Details

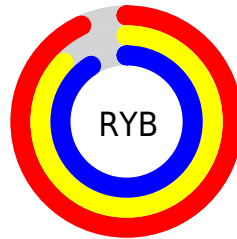
The XYZ color **75.6818, 75.7162, 86.9698** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2613, 82.0692, 84.6039**, and the grayscale version is **73.2411, 77.0554, 83.9133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7641, 40.3521, 46.7145** is the 20% darker color. If you saturate the color by 10%, you get **68.6736, 63.5634, 78.8862**, and if you desaturate by 10%, it is **83.6422, 89.6799, 95.6541**.

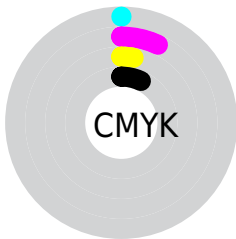
Distribution



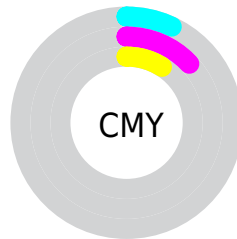
- Red (93%)
- Green (87%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (7%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6818, 75.7162, 86.9698 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 75.6818, 75.7162, 86.9698 by changing the saturation by 10% instead.


 75.6818, 75.7162,
86.9698

 75.6818, 75.7162,
86.9698


469.2189,
480.3756, 538.4373

 56.4678, 56.1998,
64.9107

126.2598,
127.3257, 145.0205

 40.8166, 40.3632,
46.9378

158.3544,
160.1875, 181.8493

 28.3628, 27.8218,
32.6325


195.4733,
198.2667, 224.4384

 18.7412, 18.1914,
21.5763

237.9818,
241.9475, 273.2063

 11.5863, 11.0875,
13.3505

286.2452,
291.6145, 328.5716

 6.5328, 6.1257,
7.5368

340.6290,

 3.2154, 2.9217,

347.6519, 390.9528

3.7165

401.4984,
410.4441, 460.7685

■ 1.2687, 1.0910,
1.4712

■ 0.1596, 0.0000,
0.1963

■ 75.6818, 75.7162,
86.9698

■ 75.6818, 75.7162,
86.9698

■ 68.6736, 63.5634,
78.8862

■ 83.6422, 89.6799,
95.6541

■ 62.5729, 53.1367,
71.3818

■ 88.0889, 96.5248,
103.4517

■ 57.3413, 44.3593,
64.4408

■ 89.0703, 96.9174,
108.6202

■ 52.9349, 37.1447,
58.0445

■ 49.3056, 31.3984,
52.1727

■ 46.4005, 27.0158,
46.8035

■ 44.1595, 23.8780,
41.9125

■ 42.5122, 21.8457,
37.4717

■ 41.3676, 20.7385,
33.4464

Harmonies

Analogous

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



74.3802, 75.7162, 91.8631



75.6818, 75.7162, 86.9698



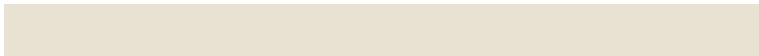
75.9789, 75.7162, 81.0693

Triad

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



75.6818, 75.7162, 86.9698



71.4850, 75.7162, 71.6637



68.8407, 75.7162, 89.4711

Complementary

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



75.6818, 75.7162, 86.9698



74.2613, 82.0692, 84.6039

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.



68.0969, 75.7162, 83.8302



75.6818, 75.7162, 86.9698



69.6046, 75.7162, 73.6882

Square

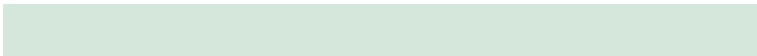
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6818, 75.7162, 86.9698



73.5300, 75.7162, 72.4148



68.3738, 75.7162, 78.0743



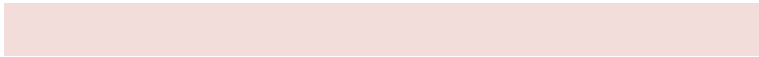
70.4243, 75.7162, 93.3548

Rectangle

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



75.6818, 75.7162, 86.9698



75.5624, 75.7162, 77.3918



68.3738, 75.7162, 78.0743



68.4856, 75.7162, 87.7074

Sweetspot

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



75.6840, 75.7195, 86.9714



93.1560, 96.6737, 106.8454



72.9548, 74.2124, 91.3692



19.9591, 20.7270, 22.8909



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.



75.6840, 75.7195, 86.9714



86.8835, 85.7105, 99.8779



74.5125, 75.2509, 80.8026



16.2035, 15.9311, 18.6281



22.9884, 11.4678, 18.3874



1.9595, 0.9728, 1.7774

Inverse Universe

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



75.6840, 75.7195, 86.9714



86.8835, 85.7105, 99.8779



75.4562, 82.5472, 90.8963



16.2035, 15.9311, 18.6281



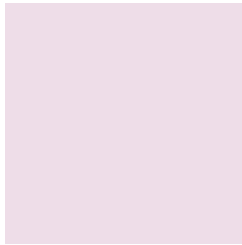
22.9884, 11.4678, 18.3874



1.9595, 0.9728, 1.7774

Previews

White Background



This preview shows how the XYZ color 75.6818, 75.7162, 86.9698 looks on a white background.

Color Contrast Check

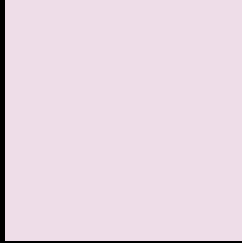
Large Text (above 18pt) WCAG AA × Fail

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 75.6818, 75.7162, 86.9698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

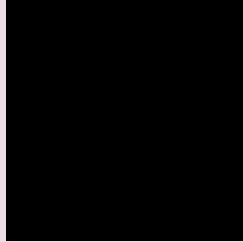
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6818, 75.7162, 86.9698

Background



This preview shows how black text looks on a background with the XYZ color 75.6818, 75.7162, 86.9698.



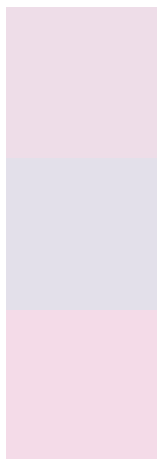
This preview shows how white text looks on a background with the XYZ color 75.6818, 75.7162,

86.9698.

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

75.6818, 75.7162, 86.9698

Protanopia

73.1855, 75.5827, 88.5735

Deuteranopia

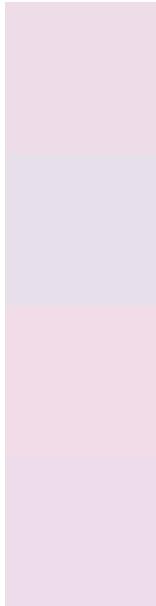
77.2052, 75.7223, 86.8906



Tritanopia

76.4759, 75.6515, 90.6923

Trichromacy



Original Color

75.6818, 75.7162, 86.9698

Protanomaly

74.0507, 75.6475, 87.7893

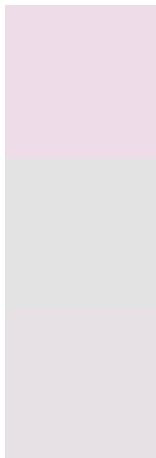
Deuteranomaly

76.7766, 75.8898, 86.9456

Tritanomaly

76.1852, 75.5353, 89.1616

Monochromacy



Original Color

75.6818, 75.7162, 86.9698

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.0231, 76.4965, 84.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6818, 75.7162, 86.9698 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(238, 221, 232) looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 232)  
}
```

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(238, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.6818, 75.7162, 86.9698 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(238, 221, 232) }
```


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

```
.border{ border-color:rgb(238, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6818, 75.7162, 86.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 232) }
```

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

```
.background{ background-color: rgb(238,  
221, 232) }
```

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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