

Converting Colors

XYZ(75.0726, 75.1887, 88.5053)

Have a look what the booklet for
XYZ(75.0726, 75.1887, 88.5053)
contains.

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Color

**XYZ(75.2998, 75.4863,
88.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDEA
RGB	236, 221, 234
RGB Percent	93%, 87%, 92%
CMY	0.0745, 0.1333, 0.0823
CMYK	0.00, 0.06, 0.01, 0.07
HSL	308°, 28%, 90%
HSV	308°, 6%, 93%
XYZ	75.2998, 75.4863, 88.4435
YIQ	226.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

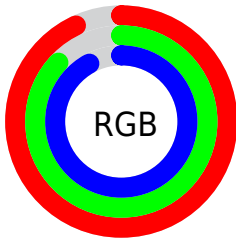
Format	Color
R _Y B	236, 221, 234
Decimal	15523306
CIE Lab	89.62, 7.39, -4.50
CIE LCh	90, 8.657, 328.644
Yxy	75.4863, 0.3148, 0.3155
Android (android.graphics.Color)	4293713386 (0xFFECDDEA)
YUV	226.9670, 3.4673, 7.9219
Hunter-Lab	86.8829, 2.6577, 0.4630

Details

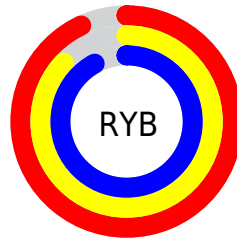
The XYZ color **75.2998, 75.4863, 88.4435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1364, 80.6928, 81.5365**, and the grayscale version is **72.9647, 76.7646, 83.5966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4945, 40.1901, 47.7427** is the 20% darker color. If you saturate the color by 10%, you get **69.0542, 63.7113, 84.1512**, and if you desaturate by 10%, it is **82.4336, 89.0227, 93.0733**.

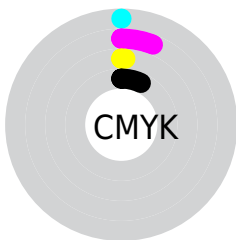
Distribution



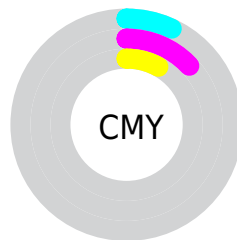
- Red (93%)
- Green (87%)
- Blue (92%)



- Red (93%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2998, 75.4863, 88.4435 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 75.2998, 75.4863, 88.4435 by changing the saturation by 10% instead.


 75.2998, 75.4863,
88.4435

 75.2998, 75.4863,
88.4435


467.9287,
479.5874, 543.3934

 56.1536, 56.0114,
66.1240


125.7223,
127.0005, 147.0910

 40.5635, 40.2120,
47.9160


157.7293,
159.8086, 184.2561

 28.1644, 27.7039,
33.4008


194.7539,
197.8298, 227.2068

 18.5907, 18.1026,
22.1600

237.1614,
241.4486, 276.3617

 11.4771, 11.0237,
13.7751

285.3174,
291.0494, 332.1392

 6.4584, 6.0828,
7.8275

339.5870,

 3.1690, 2.8955,

347.0165, 394.9580

3.8986

400.3356,
409.7344, 465.2365

■ 1.2438, 1.0774,
1.5699

■ 0.1405, 0.0000,
0.2692

■ 75.2998, 75.4863,
88.4435

■ 75.2998, 75.4863,
88.4435

■ 69.0542, 63.7113,
84.1512

■ 82.4336, 89.0227,
93.0733

■ 63.6539, 53.6152,
80.1793

■ 86.1248, 95.6620,
96.5945

■ 59.0622, 45.1235,
76.5160

■ 86.5973, 95.8510,
99.0828

■ 55.2371, 38.1525,
73.1474

■ 87.0780, 96.0433,
101.6141

■ 52.1328, 32.6104,
70.0578

■ 87.5669, 96.2389,
104.1886

■ 49.6986, 28.3959,
67.2302

■ 88.0640, 96.4377,
106.8064

■ 47.8771, 25.3945,
64.6453

■ 88.4026, 96.5731,
108.5889

■ 46.6012, 23.4718,
62.2804

■ 45.7870, 22.4603,
60.1074

Harmonies

Analogous

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



73.7275, 75.4863, 92.9145



75.2998, 75.4863, 88.4435



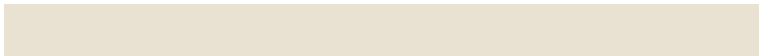
75.9176, 75.4863, 82.4694

Triad

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



75.2998, 75.4863, 88.4435



71.8443, 75.4863, 71.0210



68.2150, 75.4863, 87.9401

Complementary

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



75.2998, 75.4863, 88.4435



73.1364, 80.6928, 81.5365

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.



67.7329, 75.4863, 81.9147



75.2998, 75.4863, 88.4435



69.8032, 75.4863, 72.3275

Square

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



75.2998, 75.4863, 88.4435



73.8984, 75.4863, 72.5824



68.3086, 75.4863, 76.2418



69.6387, 75.4863, 92.6138

Rectangle

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



75.2998, 75.4863, 88.4435



75.6960, 75.4863, 78.5009



68.3086, 75.4863, 76.2418



67.9387, 75.4863, 85.9965

Sweetspot

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



75.3020, 75.4896, 88.4451



93.3352, 96.7453, 107.7891



71.4314, 73.4608, 89.7725



19.9955, 20.7416, 23.0830



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.



75.3020, 75.4896, 88.4451



88.4489, 87.4939, 104.5540



74.2472, 75.0677, 82.8909



15.6233, 15.2772, 18.5678



25.1454, 12.2608, 32.8966



1.9985, 0.9724, 2.7095

Inverse Universe

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



75.3020, 75.4896, 88.4451



88.4489, 87.4939, 104.5540



74.1700, 81.1062, 86.9797



15.6233, 15.2772, 18.5678



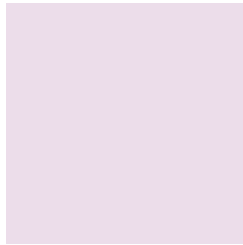
25.1454, 12.2608, 32.8966



1.9985, 0.9724, 2.7095

Previews

White Background



This preview shows how the XYZ color 75.2998, 75.4863, 88.4435 looks on a white background.

Color Contrast Check

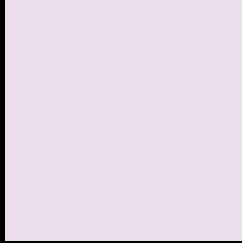
Large Text (above 18pt) WCAG AA × Fail

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 75.2998, 75.4863, 88.4435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

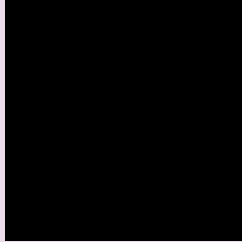
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

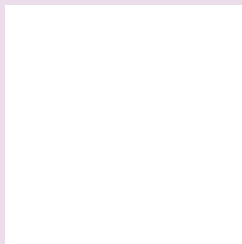
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2998, 75.4863, 88.4435

Background



This preview shows how black text looks on a background with the XYZ color 75.2998, 75.4863, 88.4435.

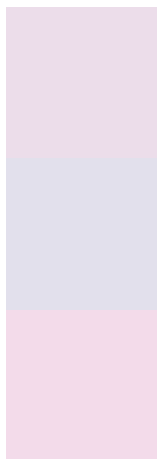


This preview shows how white text looks on a background with the XYZ color 75.2998, 75.4863,

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

75.2998, 75.4863, 88.4435

Protanopia

73.1600, 75.5362, 90.0809

Deuteranopia

77.1449, 75.6582, 88.3794



Tritanopia

75.9509, 75.3640, 91.4326

Trichromacy



Original Color

75.2998, 75.4863, 88.4435

Protanomaly

74.0162, 75.5965, 89.2878

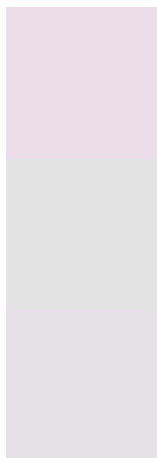
Deuteranomaly

76.3797, 75.6522, 88.4186

Tritanomaly

75.8043, 75.3053, 90.6608

Monochromacy



Original Color

75.2998, 75.4863, 88.4435

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8413, 76.3866, 85.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2998, 75.4863, 88.4435 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, 221, 234) looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 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(236, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.2998, 75.4863, 88.4435 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, 221, 234) }
```


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

```
.border{ border-color:rgb(236, 221, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2998, 75.4863, 88.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 234) }
```

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

```
.background{ background-color: rgb(236,  
221, 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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