

Converting Colors

XYZ(75.7121, 75.9288, 87.3615)

Have a look what the booklet for
XYZ(75.7121, 75.9288, 87.3615)
contains.

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Color

**XYZ(75.6118, 76.0733,
87.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE8
RGB	237, 222, 232
RGB Percent	93%, 87%, 91%
CMY	0.0706, 0.1294, 0.0902
CMYK	0.00, 0.06, 0.02, 0.07
HSL	320°, 29%, 90%
HSV	320°, 6%, 93%
XYZ	75.6118, 76.0733, 87.0424
YIQ	227.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

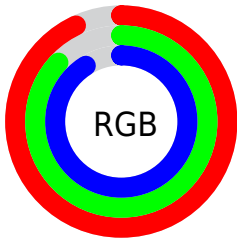
Format	Color
R _Y B	237, 222, 232
Decimal	15589096
CIE Lab	89.89, 6.85, -3.04
CIE LCh	90, 7.499, 336.058
Yxy	76.0733, 0.3167, 0.3187
Android (android.graphics.Color)	4293779176 (0xFFEDDEE8)
YUV	227.6250, 2.1569, 8.2219
Hunter-Lab	87.2200, 2.1082, 1.8847

Details

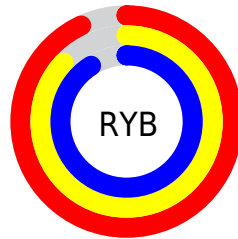
The XYZ color **75.6118, 76.0733, 87.0424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2764, 81.6460, 84.5214**, and the grayscale version is **73.4526, 77.2778, 84.1556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7112, 40.5958, 46.7644** is the 20% darker color. If you saturate the color by 10%, you get **68.6575, 63.9200, 79.3110**, and if you desaturate by 10%, it is **83.5057, 90.0230, 95.3379**.

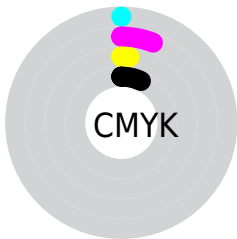
Distribution



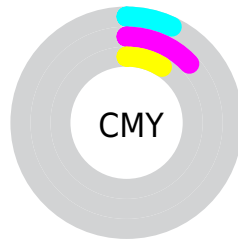
- Red (93%)
- Green (87%)
- Blue (91%)



- 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 75.6118, 76.0733, 87.0424 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 75.6118, 76.0733, 87.0424 by changing the saturation by 10% instead.


 75.6118, 76.0733,
87.0424

 75.6118, 76.0733,
87.0424


468.9826,
481.5986, 538.6820

 56.4102, 56.4926,
64.9705


126.1613,
127.8305, 145.1226

 40.7702, 40.5980,
46.9859


158.2399,
160.7758, 181.9680

 28.3264, 28.0051,
32.6703


195.3415,
198.9448, 224.5749

 18.7136, 18.3295,
21.6049

237.8315,
242.7219, 273.3620

 11.5663, 11.1868,
13.3714

286.0753,
292.4914, 328.7477

 6.5192, 6.1926,
7.5510

340.4382,

 3.2069, 2.9626,

348.6377, 391.1506

3.7254

401.2855,
411.5453, 460.9891

■ 1.2641, 1.1122,
1.4759

■ 0.1561, 0.0000,
0.1999

■ 75.6118, 76.0733,
87.0424

■ 75.6118, 76.0733,
87.0424

■ 68.6575, 63.9200,
79.3110

■ 83.5057, 90.0230,
95.3379

■ 62.5990, 53.4794,
72.1230

■ 87.5986, 96.2900,
102.6177

■ 57.3984, 44.6761,
65.4635

■ 88.7355, 96.7447,
108.6045

■ 53.0128, 37.4251,
59.3148

■ 49.3951, 31.6336,
53.6578

■ 46.4936, 27.1990,
48.4716

■ 44.2495, 24.0051,
43.7332

■ 42.5943, 21.9162,
39.4161

■ 41.4427, 20.7628,
35.4879

Harmonies

Analogous

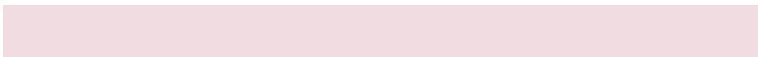
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4235, 76.0733, 91.3593



75.6118, 76.0733, 87.0424



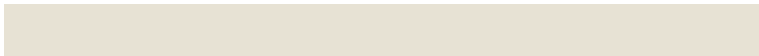
75.9076, 76.0733, 81.7584

Triad

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



75.6118, 76.0733, 87.0424



71.9299, 76.0733, 73.0900



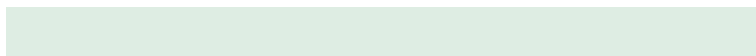
69.4623, 76.0733, 88.9850

Complementary

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



75.6118, 76.0733, 87.0424



74.2764, 81.6460, 84.5214

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.



68.8190, 76.0733, 83.9127



75.6118, 76.0733, 87.0424



70.2279, 76.0733, 74.8504

Square

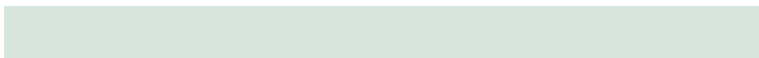
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6118, 76.0733, 87.0424



73.7613, 76.0733, 73.8482



69.0968, 76.0733, 78.7575



70.8687, 76.0733, 92.5140

Rectangle

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



75.6118, 76.0733, 87.0424



75.5545, 76.0733, 78.4277



69.0968, 76.0733, 78.7575



69.1508, 76.0733, 87.3959

Sweetspot

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



75.6140, 76.0766, 87.0440



93.1719, 96.6800, 106.9294



73.0889, 74.6916, 90.6865



19.9623, 20.7283, 22.9080



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.



75.6140, 76.0766, 87.0440



87.8080, 87.2375, 101.1789



74.5714, 75.6596, 81.5540



15.4889, 15.2234, 17.8599



22.4997, 11.2026, 18.9646



1.8111, 0.8974, 1.7226

Inverse Universe

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



75.6140, 76.0766, 87.0440



87.8080, 87.2375, 101.1789



75.3340, 82.0690, 90.0910



15.4889, 15.2234, 17.8599



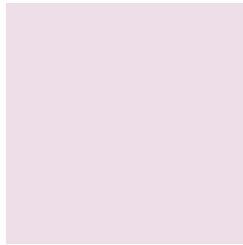
22.4997, 11.2026, 18.9646



1.8111, 0.8974, 1.7226

Previews

White Background



This preview shows how the XYZ color 75.6118, 76.0733, 87.0424 looks on a white background.

Color Contrast Check

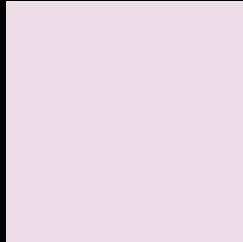
Large Text (above 18pt) WCAG AA × Fail

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 75.6118, 76.0733, 87.0424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

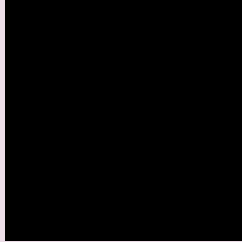
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

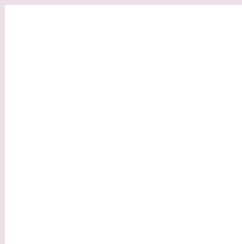
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6118, 76.0733, 87.0424

Background



This preview shows how black text looks on a background with the XYZ color 75.6118, 76.0733, 87.0424.

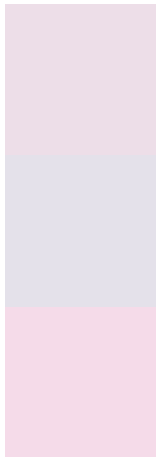


This preview shows how white text looks on a background with the XYZ color 75.6118, 76.0733,

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

75.6118, 76.0733, 87.0424

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

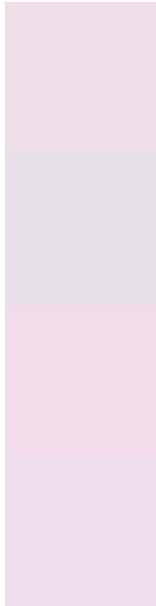
77.6957, 75.9587, 87.6573



Tritanopia

76.5490, 76.0631, 91.5360

Trichromacy



Original Color

75.6118, 76.0733, 87.0424

Protanomaly

74.3186, 76.1834, 87.8787

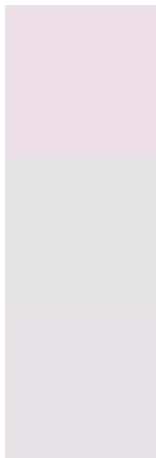
Deuteranomaly

76.9191, 75.9468, 87.6959

Tritanomaly

76.2567, 75.9462, 89.9968

Monochromacy



Original Color

75.6118, 76.0733, 87.0424

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2942, 77.0388, 85.0830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6118, 76.0733, 87.0424 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(237, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 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(237, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.6118, 76.0733, 87.0424 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(237, 222, 232) }
```


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

```
.border{ border-color:rgb(237, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6118, 76.0733, 87.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 232) }
```

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

```
.background{ background-color: rgb(237,  
222, 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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