

Converting Colors

XYZ(69.2867, 69.3321, 87.8127)

Have a look what the booklet for
XYZ(69.2867, 69.3321, 87.8127)
contains.

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Color

**XYZ(69.3860, 69.3763,
87.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5EA
RGB	224, 213, 234
RGB Percent	88%, 84%, 92%
CMY	0.1216, 0.1647, 0.0823
CMYK	0.04, 0.09, 0.00, 0.08
HSL	271°, 33%, 88%
HSV	271°, 9%, 92%
XYZ	69.3860, 69.3763, 87.5758
YIQ	218.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

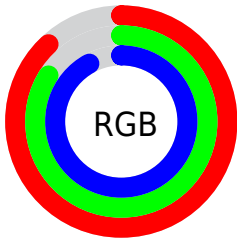
Format	Color
R _Y B	224, 213, 234
Decimal	14734826
CIE Lab	86.69, 7.58, -8.94
CIE LCh	87, 11.724, 310.278
Yxy	69.3763, 0.3066, 0.3065
Android (android.graphics.Color)	4292924906 (0xFFE0D5EA)
YUV	218.6830, 7.5513, 4.6630
Hunter-Lab	83.2924, 2.9360, -4.0343

Details

The XYZ color **69.3860, 69.3763, 87.5758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8670, 79.3395, 74.4805**, and the grayscale version is **67.0636, 70.5561, 76.8356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6249, 36.1031, 47.1577** is the 20% darker color. If you saturate the color by 10%, you get **60.5787, 56.7214, 85.5984**, and if you desaturate by 10%, it is **79.2730, 83.8522, 89.8499**.

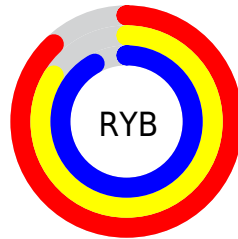
Distribution



Red (88%)

Green (84%)

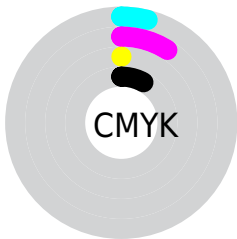
Blue (92%)



Red (88%)

Yellow (84%)

Blue (92%)

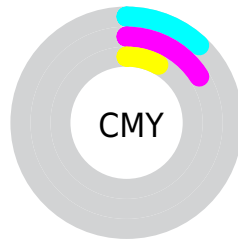


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3860, 69.3763, 87.5758 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 69.3860, 69.3763, 87.5758 by changing the saturation by 10% instead.

69.3860, 69.3763,
87.5758

69.3860, 69.3763,
87.5758

447.6913,
458.3570, 540.4783

51.3039, 51.0182,
65.4095

117.3638,
118.3189, 145.8724

36.6726, 36.2231,
47.3397

147.9902,
149.6722, 182.8397

25.1266, 24.6066,
32.9480

183.5288,
186.1260, 225.5778

16.3006, 15.7842,
21.8159

224.3448,
228.0648, 274.5052

9.8293, 9.3716,
13.5246

270.8038,
275.8729, 330.0404

5.3473, 4.9843,
7.6558

323.2709,

2.4893, 2.2381,

329.9347, 392.6019

3.7909

382.1116,
390.6346, 462.6084

■ 0.8899, 0.7406,
1.5114

■ 0.0000, 0.0000,
0.2264

■ 69.3860, 69.3763,
87.5758

■ 69.3860, 69.3763,
87.5758

■ 60.5787, 56.7214,
85.5984

■ 79.2730, 83.8522,
89.8499

■ 52.8044, 45.8041,
83.9009

■ 88.7196, 97.1060,
91.9102

■ 46.0221, 36.5474,
82.4717

■ 91.8515, 98.7206,
92.0568

■ 40.1851, 28.8650,
81.2964

■ 35.2427, 22.6627,
80.3598

■ 31.1390, 17.8355,
79.6443

■ 27.8107, 14.2644,
79.1304

■ 25.1834, 11.8088,
78.7949

■ 23.1466, 10.2556,
78.6025

Harmonies

Analogous

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



66.8795, 69.3763, 91.2877



69.3860, 69.3763, 87.5758



70.9966, 69.3763, 80.7170

Triad

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



69.3860, 69.3763, 87.5758



67.7241, 69.3763, 62.2750



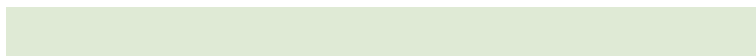
60.9175, 69.3763, 78.2484

Complementary

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



69.3860, 69.3763, 87.5758



71.8670, 79.3395, 74.4805

Split Complementary

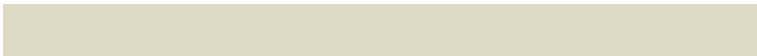
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1296, 69.3763, 70.5873



69.3860, 69.3763, 87.5758



65.0096, 69.3763, 61.7145

Square

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



69.3860, 69.3763, 87.5758



70.0190, 69.3763, 66.2467



62.6102, 69.3763, 64.6590



62.0228, 69.3763, 85.6620

Rectangle

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



69.3860, 69.3763, 87.5758



71.3199, 69.3763, 75.4661



62.6102, 69.3763, 64.6590



60.8379, 69.3763, 75.6119

Sweetspot

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



69.3880, 69.3793, 87.5773



91.3302, 94.5313, 108.0405



68.7222, 72.9448, 88.3006



19.3400, 19.9282, 23.0771



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.



69.3880, 69.3793, 87.5773



82.0002, 80.9446, 105.9097



72.5289, 71.0042, 87.4621



14.9841, 14.9371, 19.0156



13.0466, 5.7617, 44.1675



1.1355, 0.5097, 3.4734

Inverse Universe

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



71.0476, 70.4117, 79.6616



84.4696, 82.4805, 94.1473



68.9207, 77.8155, 74.5747



15.3642, 15.1735, 17.2032



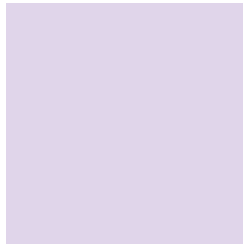
20.7566, 10.5053, 9.7858



1.6782, 0.8443, 1.0230

Previews

White Background



This preview shows how the XYZ color 69.3860, 69.3763, 87.5758 looks on a white background.

Color Contrast Check

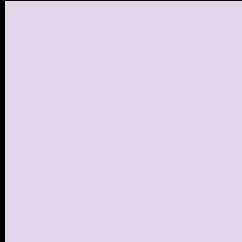
Large Text (above 18pt) WCAG AA × Fail

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 69.3860, 69.3763, 87.5758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

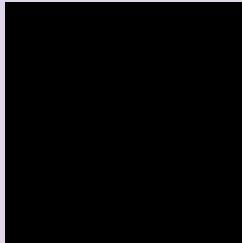
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

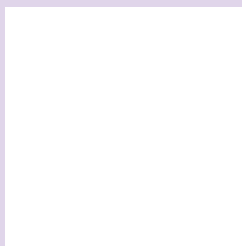
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3860, 69.3763, 87.5758

Background



This preview shows how black text looks on a background with the XYZ color 69.3860, 69.3763, 87.5758.



This preview shows how white text looks on a background with the XYZ color 69.3860, 69.3763,

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

69.3860, 69.3763, 87.5758

Protanopia

67.7205, 69.6149, 89.2247

Deuteranopia

70.7787, 69.3520, 87.4977



Tritanopia

68.7609, 69.4943, 84.6526

Trichromacy



Original Color

69.3860, 69.3763, 87.5758

Protanomaly

68.2093, 69.5045, 88.4179

Deuteranomaly

70.3897, 69.5215, 87.5510

Tritanomaly

68.9018, 69.5506, 85.3944

Monochromacy



Original Color

69.3860, 69.3763, 87.5758

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.0862, 70.3797, 80.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3860, 69.3763, 87.5758 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(224, 213, 234) looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 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(224, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 234) }
```

Border

The CSS property to change the border of an element to XYZ 69.3860, 69.3763, 87.5758 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(224, 213, 234) }
```


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

```
.border{ border-color:rgb(224, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3860, 69.3763, 87.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 234) }
```

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

```
.background{ background-color: rgb(224,  
213, 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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