

Converting Colors

XYZ(75.2434, 77.6000, 87.5522)

Have a look what the booklet for
XYZ(75.2434, 77.6000, 87.5522)
contains.

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Color

**XYZ(75.0406, 77.3747,
87.3237)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2E8
RGB	232, 226, 232
RGB Percent	91%, 89%, 91%
CMY	0.0902, 0.1137, 0.0902
CMYK	0.00, 0.03, 0.00, 0.09
HSL	300°, 12%, 90%
HSV	300°, 3%, 91%
XYZ	75.0406, 77.3747, 87.3237
YIQ	228.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 226, 232
Decimal	15262440
CIE Lab	90.49, 3.10, -2.21
CIE LCh	90, 3.803, 324.509
Yxy	77.3747, 0.3130, 0.3227
Android (android.graphics.Color)	4293452520 (0xFFE8E2E8)
YUV	228.4780, 1.7363, 3.0888
Hunter-Lab	87.9629, -1.6578, 2.7149

Details

The XYZ color **75.0406, 77.3747, 87.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9511, 79.3751, 83.3788**, and the grayscale version is **74.0816, 77.9396, 84.8762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3039, 41.4905, 46.9585** is the 20% darker color. If you saturate the color by 10%, you get **69.1549, 65.6023, 85.3624**, and if you desaturate by 10%, it is **81.7843, 90.8609, 89.5729**.

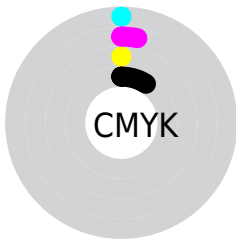
Distribution



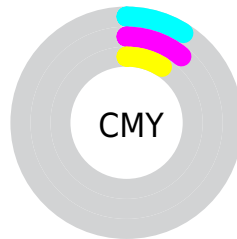
- Red (91%)
- Green (89%)
- Blue (91%)



- Red (91%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0406, 77.3747, 87.3237 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 75.0406, 77.3747, 87.3237 by changing the saturation by 10% instead.

■ 75.0406, 77.3747,
87.3237

■ 75.0406, 77.3747,
87.3237

467.0521,
486.0406, 539.6298

■ 55.9404, 57.5605,
65.2020

125.3574,
129.6683, 145.5181

■ 40.3920, 41.4554,
47.1725

157.3048,
162.9164, 182.4278

■ 28.0299, 28.6751,
32.8167

194.2653,
201.4113, 225.1040

■ 18.4887, 18.8352,
21.7161

236.6043,
245.5373, 273.9650

■ 11.4033, 11.5512,
13.4521

284.6871,
295.6788, 329.4296

■ 6.4080, 6.4389,
7.6062

338.8791,

■ 3.1377, 3.1137,

352.2203, 391.9163

3.7599

399.5457,
415.5461, 461.8434

■ 1.2270, 1.1914,
1.4946

■ 0.1275, 0.0547,
0.2139

■ 75.0406, 77.3747,
87.3237

■ 75.0406, 77.3747,
87.3237

■ 69.1549, 65.6023,
85.3624

■ 81.7843, 90.8609,
89.5729

■ 64.0865, 55.4656,
83.6725

■ 83.6051, 94.5024,
90.1802

■ 59.8013, 46.8953,
82.2437

■ 83.6052, 94.5025,
90.1806

■ 56.2603, 39.8134,
81.0630

■ 83.6053, 94.5025,
90.1810

53.4210, 34.1351,
80.1162

83.6054, 94.5025,
90.1814

51.2369, 29.7669,
79.3878

83.6054, 94.5026,
90.1819

49.6556, 26.6045,
78.8603

83.6055, 94.5026,
90.1823

48.6169, 24.5271,
78.5137

83.6056, 94.5026,
90.1827

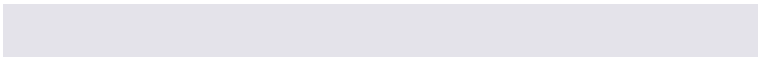
48.0479, 23.3894,
78.3237

83.6057, 94.5027,
90.1831

Harmonies

Analogous

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



74.3032, 77.3747, 89.1012



75.0406, 77.3747, 87.3237



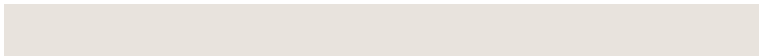
75.3768, 77.3747, 84.7498

Triad

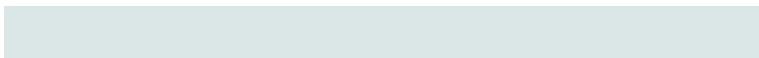
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0406, 77.3747, 87.3237



73.7174, 77.3747, 79.1439



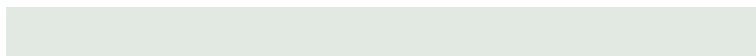
71.8917, 77.3747, 86.4381

Complementary

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



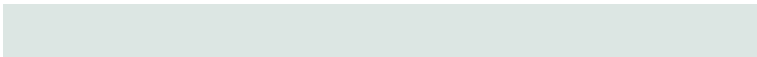
75.0406, 77.3747, 87.3237



73.9511, 79.3751, 83.3788

Split Complementary

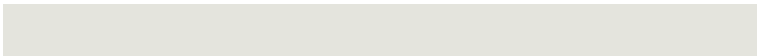
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7379, 77.3747, 83.7480



75.0406, 77.3747, 87.3237



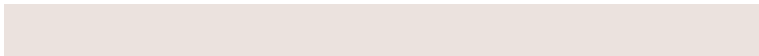
72.7867, 77.3747, 79.5741

Square

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



75.0406, 77.3747, 87.3237



74.6086, 77.3747, 80.0572



72.0641, 77.3747, 81.2452



72.4863, 77.3747, 88.5823

Rectangle

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



75.0406, 77.3747, 87.3237



75.3261, 77.3747, 82.9432



72.0641, 77.3747, 81.2452



71.7870, 77.3747, 85.5662

Sweetspot

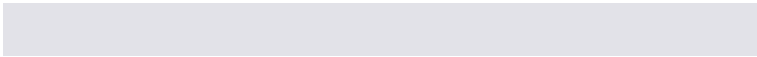
The Sweet Spot groups the original color and five complimentary colors.



75.0428, 77.3780, 87.3254



94.2419, 98.3838, 108.6306



73.1293, 76.3916, 87.2359



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

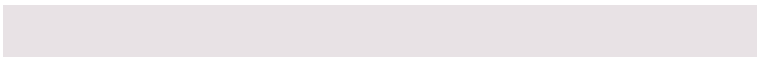
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0428, 77.3780, 87.3254



92.6579, 95.2158, 108.1025



74.6205, 77.2091, 85.1013



15.7107, 16.0464, 18.4135



26.5608, 12.7585, 43.4437



1.9628, 0.9428, 3.2104

Inverse Universe

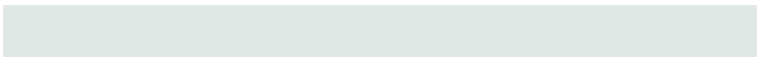
The Inverse Universe completely reimagines the original color for something new.



75.0428, 77.3780, 87.3254



92.6579, 95.2158, 108.1025



74.3662, 79.5412, 85.5648



15.7107, 16.0464, 18.4135



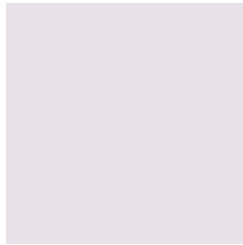
26.5608, 12.7585, 43.4437



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 75.0406, 77.3747, 87.3237 looks on a white background.

Color Contrast Check

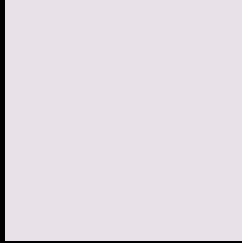
Large Text (above 18pt) WCAG AA × Fail

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 75.0406, 77.3747, 87.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

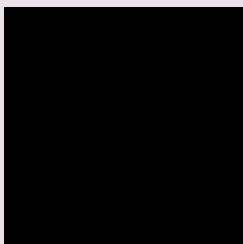
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

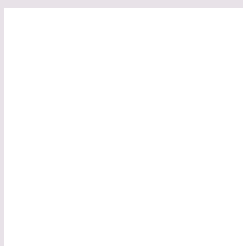
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0406, 77.3747, 87.3237

Background



This preview shows how black text looks on a background with the XYZ color 75.0406, 77.3747, 87.3237.



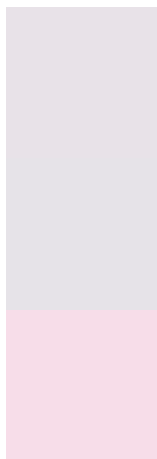
This preview shows how white text looks on a background with the XYZ color 75.0406, 77.3747,

87.3237.

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

75.0406, 77.3747, 87.3237

Protanopia

74.6677, 77.5874, 87.3844

Deuteranopia

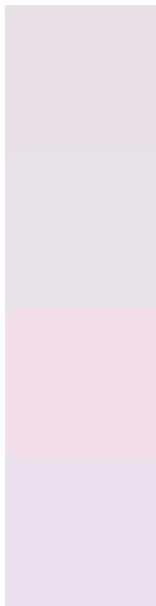
78.9222, 77.3703, 87.8651



Tritanopia

76.6144, 77.2145, 94.8703

Trichromacy



Original Color

75.0406, 77.3747, 87.3237

Protanomaly

74.9896, 77.7533, 87.3994

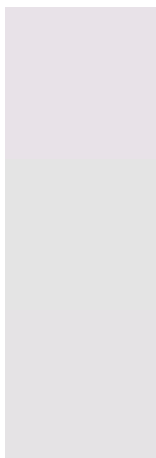
Deuteranomaly

77.7136, 77.5358, 87.9608

Tritanomaly

75.9621, 77.3471, 91.8148

Monochromacy



Original Color

75.0406, 77.3747, 87.3237

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9250, 77.2533, 85.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0406, 77.3747, 87.3237 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(232, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 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(232, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.0406, 77.3747, 87.3237 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(232, 226, 232) }
```


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

```
.border{ border-color:rgb(232, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0406, 77.3747, 87.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 232) }
```

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

```
.background{ background-color: rgb(232,  
226, 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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