

Converting Colors

XYZ(75.5452, 77.9202, 86.0208)

Have a look what the booklet for
XYZ(75.5452, 77.9202, 86.0208)
contains.

XYZ(75.6837, 78.1438, 85.9572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.6837, 78.1438,
85.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE3E6
RGB	234, 227, 230
RGB Percent	92%, 89%, 90%
CMY	0.0823, 0.1098, 0.0980
CMYK	0.00, 0.03, 0.02, 0.08
HSL	334°, 14%, 90%
HSV	334°, 3%, 92%
XYZ	75.6837, 78.1438, 85.9572
YIQ	229.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

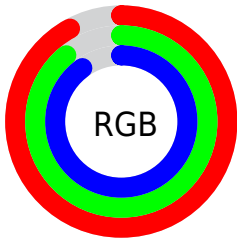
Format	Color
R_{YB}	234, 227, 230
Decimal	15393766
CIE Lab	90.85, 2.90, -0.63
CIE LCh	91, 2.964, 347.785
Yxy	78.1438, 0.3156, 0.3259
Android (android.graphics.Color)	4293583846 (0xFFEAE3E6)
YUV	229.4350, 0.2785, 4.0035
Hunter-Lab	88.3990, -1.8736, 4.2270

Details

The XYZ color **75.6837, 78.1438, 85.9572** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5281, 80.9481, 87.2491**, and the grayscale version is **74.7948, 78.6900, 85.6934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8505, 42.0652, 46.5238** is the 20% darker color. If you saturate the color by 10%, you get **67.9067, 65.4812, 74.4486**, and if you desaturate by 10%, it is **84.4792, 92.6104, 98.5188**.

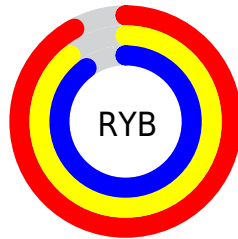
Distribution



Red (92%)

Green (89%)

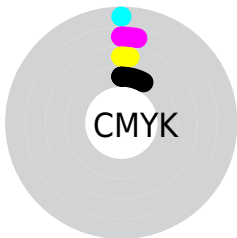
Blue (90%)



Red (92%)

Yellow (89%)

Blue (90%)

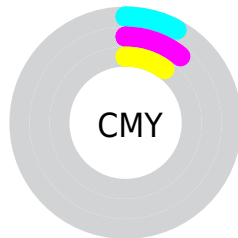


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6837, 78.1438, 85.9572 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 75.6837, 78.1438, 85.9572 by changing the saturation by 10% instead.

■ 75.6837, 78.1438,
85.9572

■ 75.6837, 78.1438,
85.9572

469.2253,
488.6550, 535.0170

■ 56.4693, 58.1921,
64.0779

126.2624,
130.7528, 143.5958

■ 40.8178, 41.9631,
46.2672

158.3575,
164.1789, 180.1921

■ 28.3638, 29.0724,
32.1065

195.4769,
202.8653, 222.5312

■ 18.7419, 19.1356,
21.1774

237.9859,
247.1964, 271.0316

■ 11.5868, 11.7683,
13.0612

286.2499,
297.5565, 326.1119

■ 6.5332, 6.5861,
7.3395

340.6342,

■ 3.2156, 3.2046,

354.3300, 388.1905

3.5937

401.5042,
417.9014, 457.6860

■ 1.2688, 1.2395,
1.4052

■ 0.1597, 0.0936,
0.1458

■ 75.6837, 78.1438,
85.9572

■ 75.6837, 78.1438,
85.9572

■ 67.9067, 65.4812,
74.4486

■ 84.4792, 92.6104,
98.5188

■ 61.1034, 54.5416,
63.9592

■ 87.7421, 96.2327,
108.5580

■ 55.2356, 45.2525,
54.4609

■ 50.2598, 37.5327,
45.9220

■ 46.1290, 31.2937,
38.3093

■ 42.7915, 26.4385,
31.5869

■ 40.1897, 22.8579,
25.7162

■ 38.2576, 20.4264,
20.6550

■ 36.9157, 18.9922,
16.3552

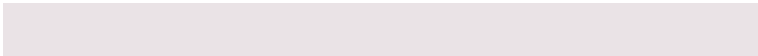
Harmonies

Analogous

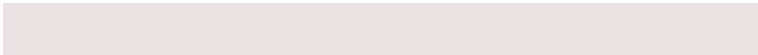
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3405, 78.1438, 87.8747



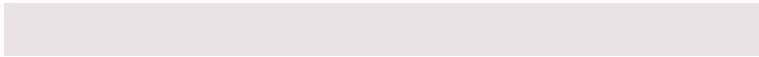
75.6837, 78.1438, 85.9572



75.6472, 78.1438, 83.8370

Triad

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



75.6837, 78.1438, 85.9572



73.8362, 78.1438, 81.2343



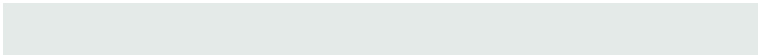
73.3140, 78.1438, 88.1634

Complementary

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



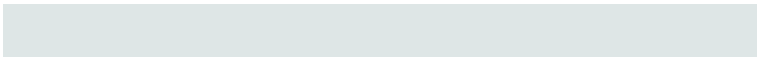
75.6837, 78.1438, 85.9572



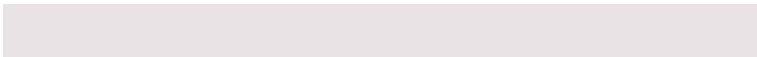
75.5281, 80.9481, 87.2491

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.



72.9162, 78.1438, 86.3459



75.6837, 78.1438, 85.9572



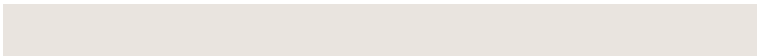
73.2163, 78.1438, 82.3556

Square

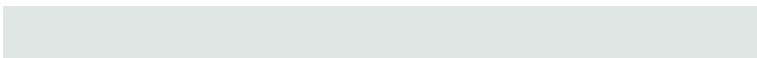
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



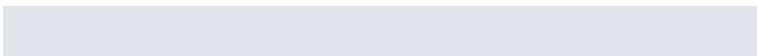
75.6837, 78.1438, 85.9572



74.5772, 78.1438, 81.1342



72.8806, 78.1438, 84.2193



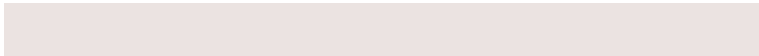
73.9703, 78.1438, 89.1626

Rectangle

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



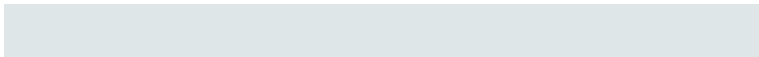
75.6837, 78.1438, 85.9572



75.4124, 78.1438, 82.5938



72.8806, 78.1438, 84.2193



73.1458, 78.1438, 87.6265

Sweetspot

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



75.6859, 78.1472, 85.9589



94.0080, 98.2902, 107.3990



75.2674, 77.8658, 88.9055



20.1326, 21.0562, 23.0037



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.



75.6859, 78.1472, 85.9589



90.9571, 93.2939, 102.9737



75.3964, 78.2358, 83.8043



16.1427, 16.4805, 18.2339



20.4263, 10.3732, 8.0461



1.6513, 0.8335, 0.8809

Inverse Universe

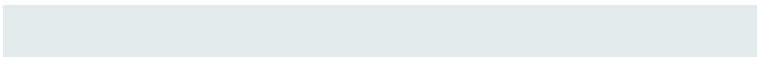
The Inverse Universe completely reimagines the original color for something new.



75.6859, 78.1472, 85.9589



90.9571, 93.2939, 102.9737



75.8224, 80.8536, 89.4530



16.1427, 16.4805, 18.2339



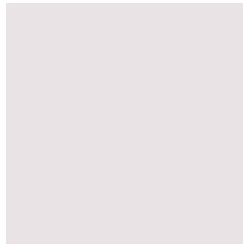
20.4263, 10.3732, 8.0461



1.6513, 0.8335, 0.8809

Previews

White Background



This preview shows how the XYZ color 75.6837, 78.1438, 85.9572 looks on a white background.

Color Contrast Check

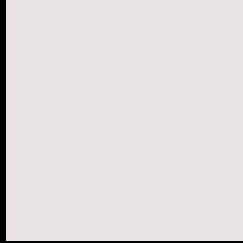
Large Text (above 18pt) WCAG AA × Fail

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 75.6837, 78.1438, 85.9572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

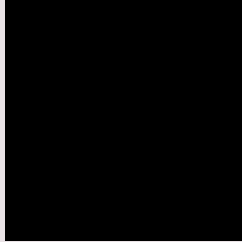
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

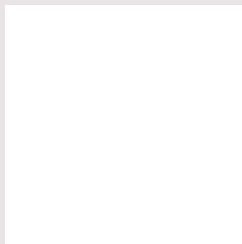
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6837, 78.1438, 85.9572

Background



This preview shows how black text looks on a background with the XYZ color 75.6837, 78.1438, 85.9572.



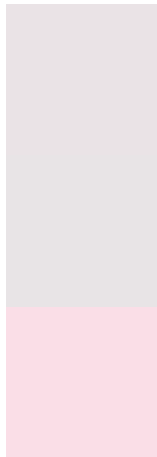
This preview shows how white text looks on a background with the XYZ color 75.6837, 78.1438,

85.9572.

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

75.6837, 78.1438, 85.9572

Protanopia

75.3050, 78.3558, 86.0181

Deuteranopia

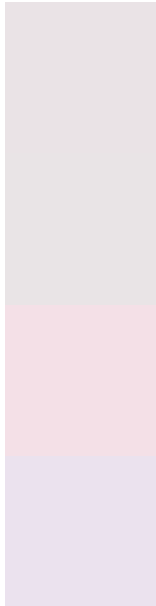
79.9694, 78.3361, 86.5068



Tritanopia

77.6949, 78.1544, 95.7844

Trichromacy



Original Color

75.6837, 78.1438, 85.9572

Protanomaly

75.6306, 78.5236, 86.0333

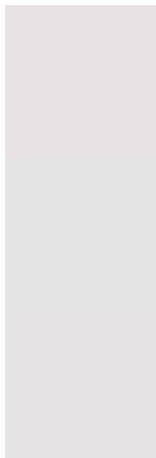
Deuteranomaly

78.3877, 78.3139, 86.5859

Tritanomaly

76.8899, 78.2279, 91.9359

Monochromacy



Original Color

75.6837, 78.1438, 85.9572

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8413, 78.1329, 85.2653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6837, 78.1438, 85.9572 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(234, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 230)  
}
```

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(234, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.6837, 78.1438, 85.9572 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(234, 227, 230) }
```


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

```
.border{ border-color:rgb(234, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6837, 78.1438, 85.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 230) }
```

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

```
.background{ background-color: rgb(234,  
227, 230) }
```

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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