

Converting Colors

XYZ(75.1642, 80.7044, 87.4459)

Have a look what the booklet for
XYZ(75.1642, 80.7044, 87.4459)
contains.

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Color

**XYZ(75.2107, 80.7839,
87.2301)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EAE7
RGB	226, 234, 231
RGB Percent	89%, 92%, 91%
CMY	0.1137, 0.0823, 0.0941
CMYK	0.03, 0.00, 0.01, 0.08
HSL	157°, 16%, 90%
HSV	157°, 3%, 92%
XYZ	75.2107, 80.7839, 87.2301
YIQ	231.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

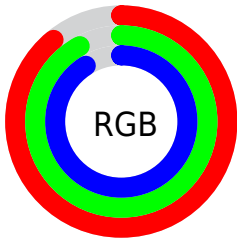
Format	Color
R_{YB}	226, 231, 234
Decimal	14871271
CIE Lab	92.04, -3.20, 0.52
CIE LCh	92, 3.241, 170.829
Yxy	80.7839, 0.3092, 0.3321
Android (android.graphics.Color)	4293061351 (0xFFE2EAE7)
YUV	231.2660, -0.1311, -4.6183
Hunter-Lab	89.8799, -7.9225, 5.3738

Details

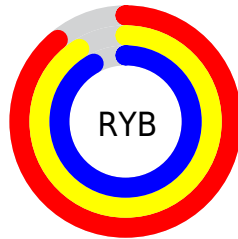
The XYZ color **75.2107, 80.7839, 87.2301** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2739, 77.5445, 85.1331**, and the grayscale version is **76.1586, 80.1248, 87.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4528, 43.5939, 46.8398** is the 20% darker color. If you saturate the color by 10%, you get **67.1587, 76.7750, 80.5409**, and if you desaturate by 10%, it is **84.3309, 85.3409, 94.2976**.

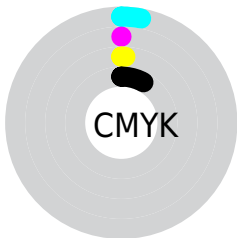
Distribution



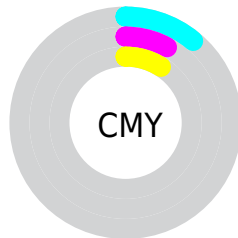
- Red (89%)
- Green (92%)
- Blue (91%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2107, 80.7839, 87.2301 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 75.2107, 80.7839, 87.2301 by changing the saturation by 10% instead.

■ 75.2107, 80.7839,
87.2301

■ 75.2107, 80.7839,
87.2301

467.6275,
497.5707, 539.3145

■ 56.0803, 60.3636,
65.1249

125.5969,
134.4673, 145.3865

■ 40.5046, 43.7118,
47.1104

157.5834,
168.4992, 182.2748

■ 28.1181, 30.4440,
32.7680

194.5860,
207.8371, 224.9280

■ 18.5556, 20.1758,
21.6791

236.9700,
252.8655, 273.7644

■ 11.4517, 12.5229,
13.4252

285.1008,
303.9686, 329.2028

■ 6.4411, 7.1009,
7.5879

339.3437,

■ 3.1583, 3.5253,

361.5309, 391.6615

3.7484

400.0642,
425.9368, 461.5593

■ 1.2380, 1.4117,
1.4884

■ 0.1361, 0.2253,
0.2092

■ 75.2107, 80.7839,
87.2301

■ 75.2107, 80.7839,
87.2301

■ 67.1587, 76.7750,
80.5409

■ 84.3309, 85.3409,
94.2976

■ 60.1270, 73.2827,
74.2179

■ 87.6956, 86.9212,
101.4236

■ 54.0738, 70.2878,
68.2562

■ 88.7143, 87.3287,
106.7881

■ 48.9520, 67.7662,
62.6486

■ 44.7102, 65.6916,
57.3876

■ 41.2921, 64.0349,
52.4653

■ 38.6343, 62.7636,
47.8736

■ 36.6638, 61.8402,
43.6036

■ 35.2922, 61.2193,
39.6454

Harmonies

Analogous

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



75.5464, 80.7839, 85.0913



75.2107, 80.7839, 87.2301



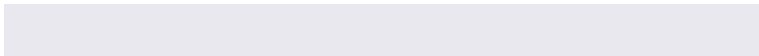
75.2939, 80.7839, 89.6028

Triad

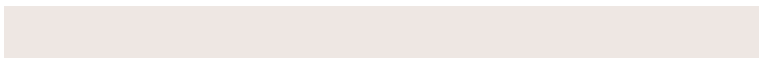
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2107, 80.7839, 87.2301



77.3542, 80.7839, 92.3218



77.7999, 80.7839, 84.4479

Complementary

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



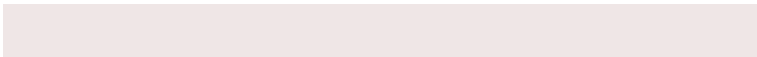
75.2107, 80.7839, 87.2301



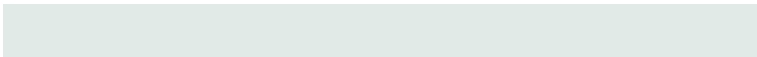
75.2739, 77.5445, 85.1331

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.



78.2910, 80.7839, 86.3373



75.2107, 80.7839, 87.2301



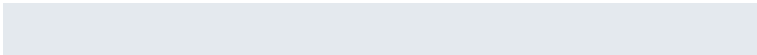
78.0324, 80.7839, 90.8923

Square

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



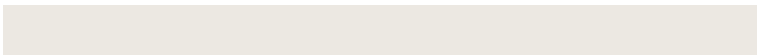
75.2107, 80.7839, 87.2301



76.5274, 80.7839, 92.5713



78.3764, 80.7839, 88.6938



77.0385, 80.7839, 83.5043

Rectangle

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



75.2107, 80.7839, 87.2301



75.5759, 80.7839, 90.9963



78.3764, 80.7839, 88.6938



78.0023, 80.7839, 84.9918

Sweetspot

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



75.2130, 80.7874, 87.2319



93.9643, 99.4581, 108.0469



75.4875, 81.0093, 83.6106



20.1237, 21.2938, 23.1355



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

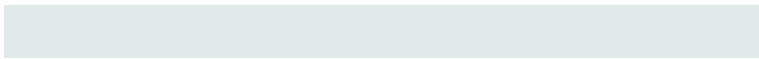
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2130, 80.7874, 87.2319



90.7862, 97.8724, 105.5153



75.3759, 80.4283, 89.3974



16.1069, 17.4405, 18.7669



19.5204, 34.2626, 21.2372



1.5792, 2.7090, 1.9120

Inverse Universe

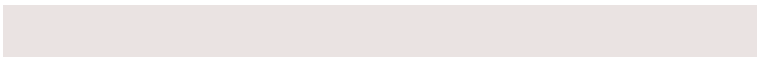
The Inverse Universe completely reimagines the original color for something new.



75.2739, 77.5445, 85.1331



90.8728, 93.2602, 102.5302



75.1126, 77.8874, 83.0277



16.1251, 16.4734, 18.1410



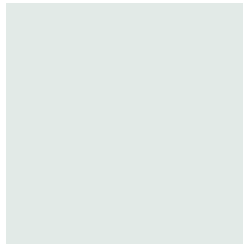
20.1096, 10.2465, 6.3785



1.6244, 0.8227, 0.7396

Previews

White Background



This preview shows how the XYZ color 75.2107, 80.7839, 87.2301 looks on a white background.

Color Contrast Check

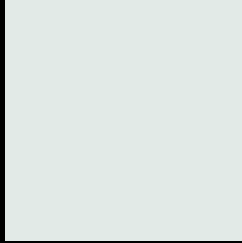
Large Text (above 18pt) WCAG AA × Fail

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 75.2107, 80.7839, 87.2301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

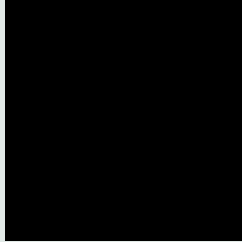
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

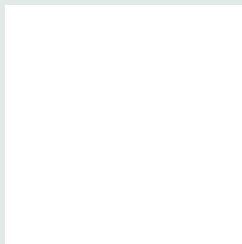
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2107, 80.7839, 87.2301

Background



This preview shows how black text looks on a background with the XYZ color 75.2107, 80.7839, 87.2301.



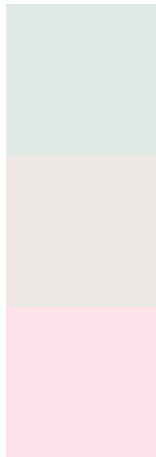
This preview shows how white text looks on a background with the XYZ color 75.2107, 80.7839,

87.2301.

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

75.2107, 80.7839, 87.2301

Protanopia

77.6438, 80.8135, 85.6350

Deuteranopia

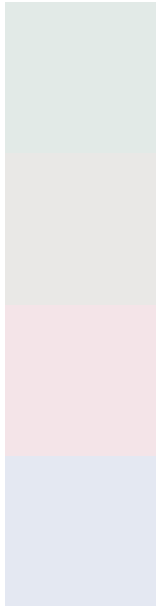
82.5062, 80.8045, 88.3391



Tritanopia

77.9879, 80.6494, 101.0790

Trichromacy



Original Color

75.2107, 80.7839, 87.2301

Protanomaly

76.7438, 80.7500, 86.4044

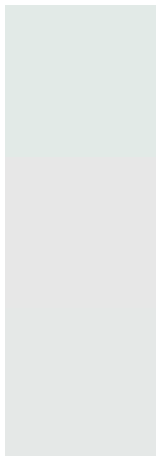
Deuteranomaly

79.6171, 80.5461, 87.6946

Tritanomaly

76.8785, 80.6180, 95.5133

Monochromacy



Original Color

75.2107, 80.7839, 87.2301

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5935, 80.1408, 87.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2107, 80.7839, 87.2301 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(226, 234, 231) looks like.

```
.text, #text, p{  
    color:rgb(226, 234, 231)  
}
```

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(226, 234, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.2107, 80.7839, 87.2301 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(226, 234, 231) }
```


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

```
.border{ border-color:rgb(226, 234, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 234, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 231);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2107, 80.7839, 87.2301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 231) }
```

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

```
.background{ background-color: rgb(226,  
234, 231) }
```

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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