

Converting Colors

XYZ(76.7297, 78.5355, 87.0581)

Have a look what the booklet for
XYZ(76.7297, 78.5355, 87.0581)
contains.

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Color

**XYZ(76.8179, 78.7122,
86.7455)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3E7
RGB	237, 227, 231
RGB Percent	93%, 89%, 91%
CMY	0.0706, 0.1098, 0.0941
CMYK	0.00, 0.04, 0.03, 0.07
HSL	336°, 22%, 91%
HSV	336°, 4%, 93%
XYZ	76.8179, 78.7122, 86.7455
YIQ	230.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

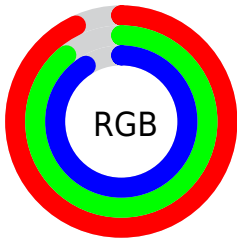
Format	Color
R _Y B	237, 227, 231
Decimal	15590375
CIE Lab	91.10, 4.09, -0.74
CIE LCh	91, 4.154, 349.670
Yxy	78.7122, 0.3171, 0.3249
Android (android.graphics.Color)	4293780455 (0xFFE3E7)
YUV	230.4460, 0.2731, 5.7479
Hunter-Lab	88.7199, -0.7060, 4.1334

Details

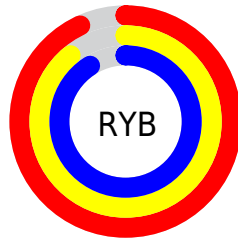
The XYZ color **76.8179, 78.7122, 86.7455** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6737, 82.7844, 89.0327**, and the grayscale version is **75.5416, 79.4757, 86.5490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5464, 42.4240, 46.5563** is the 20% darker color. If you saturate the color by 10%, you get **68.8489, 65.8592, 74.5762**, and if you desaturate by 10%, it is **85.8470, 93.4219, 100.0758**.

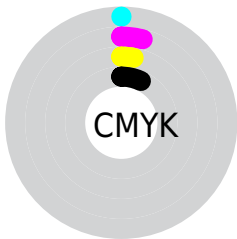
Distribution



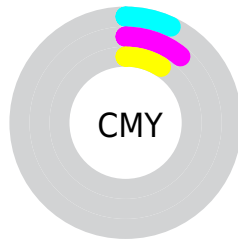
- Red (93%)
- Green (89%)
- Blue (91%)



- Red (93%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8179, 78.7122, 86.7455 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 76.8179, 78.7122, 86.7455 by changing the saturation by 10% instead.

76.8179, 78.7122,
86.7455

76.8179, 78.7122,
86.7455

473.0444,
490.5822, 537.6807

57.4028, 58.6592,
64.7262

127.8566,
131.5536, 144.7051

41.5701, 42.3388,
46.7892

160.2110,
165.1108, 181.4825

28.9545, 29.3667,
32.5159

197.6091,
203.9383, 224.0163

19.1905, 19.3584,
21.4877

240.4164,
248.4203, 272.7250

11.9128, 11.9295,
13.2863

288.9983,
298.9413, 328.0273

6.7561, 6.6957,
7.4929

343.7200,

3.3550, 3.2725,

355.8857, 390.3417

3.6892

404.9469,
419.6378, 460.0866

■ 1.3442, 1.2756,
1.4564

■ 0.2159, 0.1222,
0.1851

■ 76.8179, 78.7122,
86.7455

■ 76.8179, 78.7122,
86.7455

■ 68.8489, 65.8592,
74.5762

■ 85.8470, 93.4219,
100.0758

■ 61.8931, 54.7785,
63.5304

■ 88.7355, 96.7448,
108.6045

■ 55.9102, 45.3947,
53.5757

■ 50.8542, 37.6228,
44.6764

■ 46.6755, 31.3703,
36.7944

■ 43.3195, 26.5354,
29.8891

■ 40.7252, 23.0036,
23.9165

■ 38.8221, 20.6422,
18.8282

■ 37.5253, 19.2896,
14.5695

Harmonies

Analogous

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



76.3636, 78.7122, 89.5020



76.8179, 78.7122, 86.7455



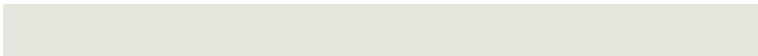
76.7313, 78.7122, 83.7722

Triad

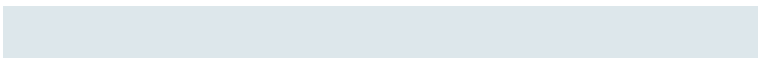
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8179, 78.7122, 86.7455



74.1359, 78.7122, 80.3728



73.5142, 78.7122, 90.1891

Complementary

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



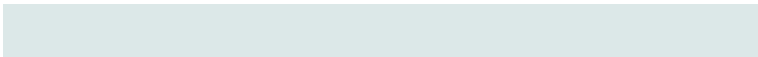
76.8179, 78.7122, 86.7455



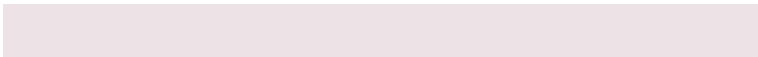
76.6737, 82.7844, 89.0327

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.



72.9281, 78.7122, 87.6657



76.8179, 78.7122, 86.7455



73.2847, 78.7122, 82.0154

Square

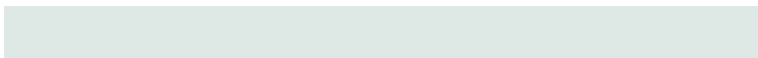
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



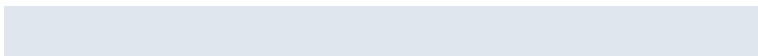
76.8179, 78.7122, 86.7455



75.1763, 78.7122, 80.1395



72.8444, 78.7122, 84.6713



74.4520, 78.7122, 91.5207

Rectangle

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



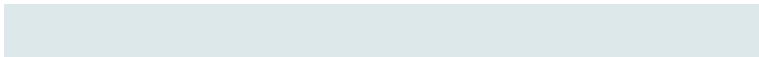
76.8179, 78.7122, 86.7455



76.3788, 78.7122, 82.0650



72.8444, 78.7122, 84.6713



73.2699, 78.7122, 89.4494

Sweetspot

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



76.8201, 78.7156, 86.7472



93.9964, 98.2856, 107.3379



76.3621, 78.3799, 91.2259



20.1302, 21.0552, 22.9912



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

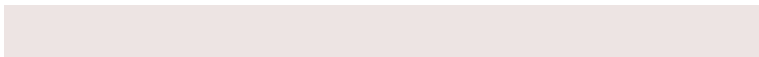
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8201, 78.7156, 86.7472



89.9087, 91.6500, 101.2282



76.5362, 79.0408, 83.8996



15.9656, 16.2052, 17.9315



20.2498, 10.3026, 7.1169



1.6364, 0.8275, 0.8029

Inverse Universe

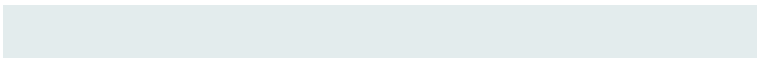
The Inverse Universe completely reimagines the original color for something new.



76.8201, 78.7156, 86.7472



89.9087, 91.6500, 101.2282



76.9625, 82.4382, 91.9776



15.9656, 16.2052, 17.9315



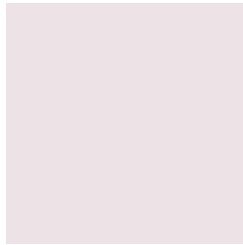
20.2498, 10.3026, 7.1169



1.6364, 0.8275, 0.8029

Previews

White Background



This preview shows how the XYZ color 76.8179, 78.7122, 86.7455 looks on a white background.

Color Contrast Check

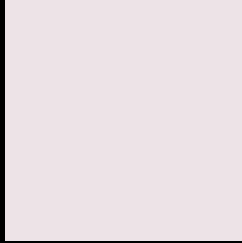
Large Text (above 18pt) WCAG AA × Fail

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 76.8179, 78.7122, 86.7455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

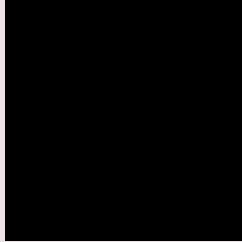
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

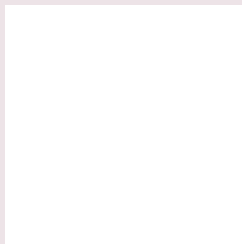
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8179, 78.7122, 86.7455

Background



This preview shows how black text looks on a background with the XYZ color 76.8179, 78.7122, 86.7455.



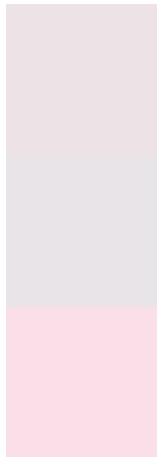
This preview shows how white text looks on a background with the XYZ color 76.8179, 78.7122,

86.7455.

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

76.8179, 78.7122, 86.7455

Protanopia

75.9132, 78.6366, 87.5213

Deuteranopia

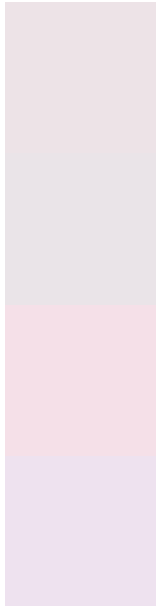
80.1111, 78.3927, 87.2529



Tritanopia

78.6995, 78.6722, 95.8314

Trichromacy



Original Color

76.8179, 78.7122, 86.7455

Protanomaly

76.2406, 78.8054, 87.5366

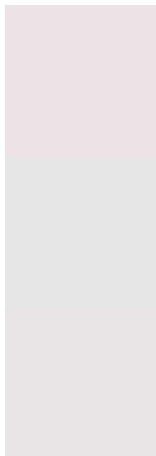
Deuteranomaly

78.8773, 78.5500, 87.3483

Tritanomaly

78.0362, 78.8019, 92.7587

Monochromacy



Original Color

76.8179, 78.7122, 86.7455

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9065, 79.0754, 86.1253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8179, 78.7122, 86.7455 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, 227, 231) looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 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(237, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.8179, 78.7122, 86.7455 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, 227, 231) }
```


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

```
.border{ border-color:rgb(237, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(237, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8179, 78.7122, 86.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 231) }
```

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

```
.background{ background-color: rgb(237,  
227, 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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