

Converting Colors

XYZ(77.0923, 79.2609, 86.8370)

Have a look what the booklet for
XYZ(77.0923, 79.2609, 86.8370)
contains.

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Color

**XYZ(77.0923, 79.2609,
86.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4E7
RGB	237, 228, 231
RGB Percent	93%, 89%, 91%
CMY	0.0706, 0.1059, 0.0941
CMYK	0.00, 0.04, 0.03, 0.07
HSL	340°, 20%, 91%
HSV	340°, 4%, 93%
XYZ	77.0923, 79.2609, 86.8370
YIQ	231.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

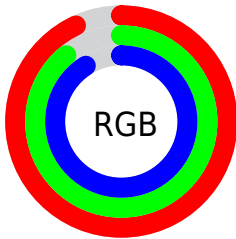
Format	Color
R_{YB}	237, 228, 231
Decimal	15590631
CIE Lab	91.35, 3.57, -0.38
CIE LCh	91, 3.590, 353.894
Yxy	79.2609, 0.3170, 0.3259
Android (android.graphics.Color)	4293780711 (0xFFE4E7)
YUV	231.0330, -0.0163, 5.2331
Hunter-Lab	89.0286, -1.2320, 4.4895

Details

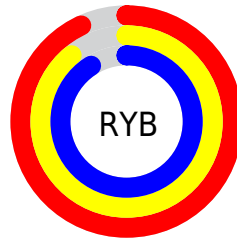
The XYZ color **77.0923, 79.2609, 86.8370** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1334, 83.0050, 89.8023**, and the grayscale version is **75.9800, 79.9369, 87.0513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7375, 42.8060, 46.6200** is the 20% darker color. If you saturate the color by 10%, you get **68.8819, 66.2522, 73.5785**, and if you desaturate by 10%, it is **86.4026, 94.1446, 101.4589**.

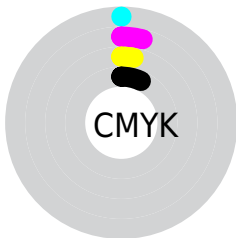
Distribution



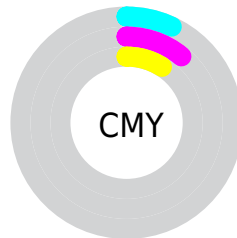
- Red (93%)
- Green (89%)
- Blue (91%)



- 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 77.0923, 79.2609, 86.8370 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 77.0923, 79.2609, 86.8370 by changing the saturation by 10% instead.

77.0923, 79.2609,
86.8370

77.0923, 79.2609,
86.8370

473.9658,
492.4385, 537.9894

57.6288, 59.1103,
64.8015

128.2419,
132.3261, 144.8338

41.7524, 42.7020,
46.8498

160.6588,
166.0095, 181.6321

29.0977, 29.6513,
32.5634

198.1241,
204.9727, 224.1885

19.2994, 19.5741,
21.5238

241.0033,
249.6000, 272.9214

11.9921, 12.0858,
13.3125

289.6617,
300.2758, 328.2494

6.8105, 6.8022,
7.5108

344.4647,

3.3891, 3.3387,

357.3846, 390.5910

3.7003

405.7776,
421.3107, 460.3649

■ 1.3627, 1.3110,
1.4624

■ 0.2294, 0.1497,
0.1897

■ 77.0923, 79.2609,
86.8370

■ 77.0923, 79.2609,
86.8370

■ 68.8819, 66.2522,
73.5785

■ 86.4026, 94.1446,
101.4589

■ 61.7231, 55.0338,
61.6383

■ 88.7355, 96.7448,
108.6045

■ 55.5743, 45.5298,
50.9760

■ 50.3879, 37.6547,
41.5473

■ 46.1129, 31.3160,
33.3052

■ 42.6930, 26.4113,
26.1994

■ 40.0654, 22.8260,
20.1755

■ 38.1581, 20.4276,
15.1738

■ 36.8844, 19.0550,
11.1273

Harmonies

Analogous

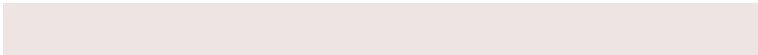
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7608, 79.2609, 89.2952



77.0923, 79.2609, 86.8370



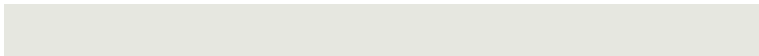
76.9499, 79.2609, 84.2833

Triad

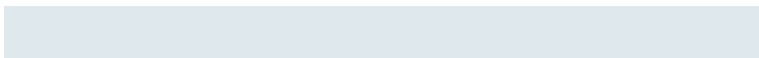
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0923, 79.2609, 86.8370



74.6270, 79.2609, 81.7907



74.3064, 79.2609, 90.4232

Complementary

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



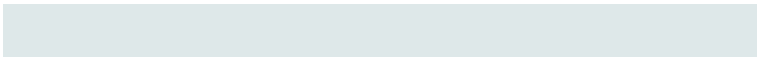
77.0923, 79.2609, 86.8370



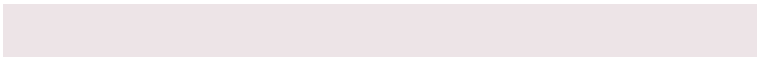
77.1334, 83.0050, 89.8023

Split Complementary

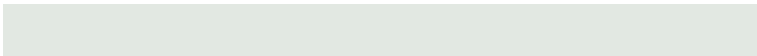
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7431, 79.2609, 88.3519



77.0923, 79.2609, 86.8370



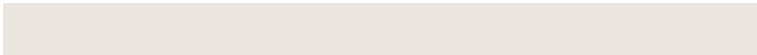
73.9272, 79.2609, 83.3758

Square

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



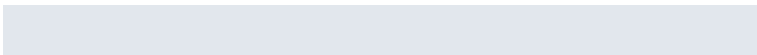
77.0923, 79.2609, 86.8370



75.5218, 79.2609, 81.4035



73.6048, 79.2609, 85.7685



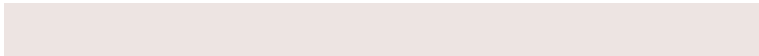
75.1487, 79.2609, 91.3924

Rectangle

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



77.0923, 79.2609, 86.8370



76.6059, 79.2609, 82.8662



73.6048, 79.2609, 85.7685



74.0784, 79.2609, 89.8308

Sweetspot

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



77.0945, 79.2643, 86.8387



93.9692, 98.2747, 107.1948



76.9639, 79.0974, 91.3328



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



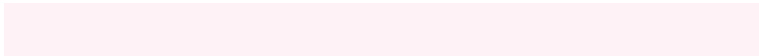
20.3446, 21.4041, 23.3091

Same Dimension

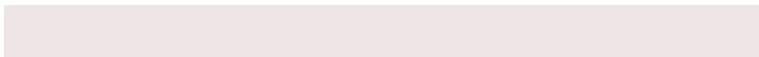
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0945, 79.2643, 86.8387



89.7774, 91.5975, 100.5369



77.0892, 79.9250, 84.7670



15.9392, 16.1946, 17.7925



19.8912, 10.1592, 5.2286



1.6051, 0.8150, 0.6379

Inverse Universe

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



77.0945, 79.2643, 86.8387



89.7774, 91.5975, 100.5369



77.1353, 82.3141, 91.9446



15.9392, 16.1946, 17.7925



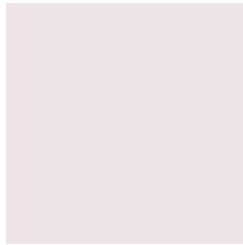
19.8912, 10.1592, 5.2286



1.6051, 0.8150, 0.6379

Previews

White Background



This preview shows how the XYZ color 77.0923, 79.2609, 86.8370 looks on a white background.

Color Contrast Check

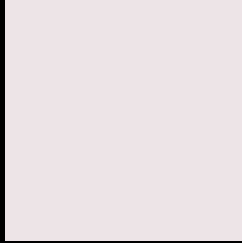
Large Text (above 18pt) WCAG AA × Fail

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 77.0923, 79.2609, 86.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

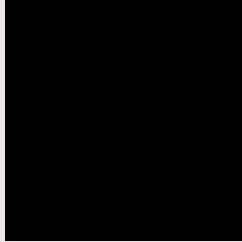
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

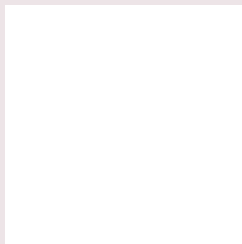
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0923, 79.2609, 86.8370

Background



This preview shows how black text looks on a background with the XYZ color 77.0923, 79.2609, 86.8370.



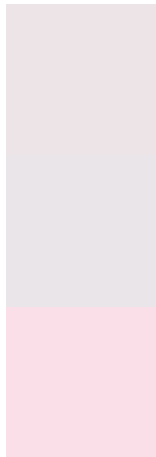
This preview shows how white text looks on a background with the XYZ color 77.0923, 79.2609,

86.8370.

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

77.0923, 79.2609, 86.8370

Protanopia

76.5165, 79.3572, 87.6286

Deuteranopia

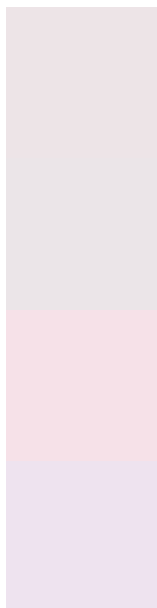
80.7368, 79.1108, 87.3585



Tritanopia

79.1221, 79.2751, 96.7194

Trichromacy



Original Color

77.0923, 79.2609, 86.8370

Protanomaly

76.8457, 79.5270, 87.6440

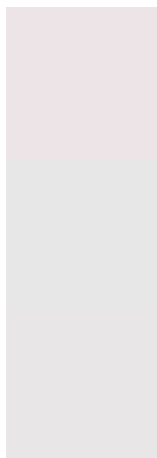
Deuteranomaly

79.4967, 79.2695, 87.4545

Tritanomaly

78.3090, 79.3473, 92.8496

Monochromacy



Original Color

77.0923, 79.2609, 86.8370

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3249, 79.6868, 86.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0923, 79.2609, 86.8370 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, 228, 231) looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 231) }
```

Border

The CSS property to change the border of an element to XYZ 77.0923, 79.2609, 86.8370 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, 228, 231) }
```


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

```
.border{ border-color:rgb(237, 228, 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, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0923, 79.2609, 86.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 231) }
```

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

```
.background{ background-color: rgb(237,  
228, 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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