

Converting Colors

XYZ(76.6439, 78.9646, 85.9157)

Have a look what the booklet for
XYZ(76.6439, 78.9646, 85.9157)
contains.

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Color

**XYZ(76.6184, 79.0328,
86.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE4E6
RGB	236, 228, 230
RGB Percent	93%, 89%, 90%
CMY	0.0745, 0.1059, 0.0980
CMYK	0.00, 0.03, 0.03, 0.07
HSL	345°, 17%, 91%
HSV	345°, 3%, 93%
XYZ	76.6184, 79.0328, 86.0796
YIQ	230.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

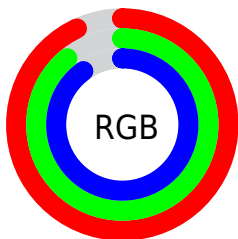
Format	Color
R_{YB}	236, 228, 230
Decimal	15525094
CIE Lab	91.25, 3.06, -0.02
CIE LCh	91, 3.057, 359.647
Yxy	79.0328, 0.3170, 0.3269
Android (android.graphics.Color)	4293715174 (0xFFECE4E6)
YUV	230.6200, -0.3057, 4.7183
Hunter-Lab	88.9004, -1.7363, 4.8215

Details

The XYZ color **76.6184, 79.0328, 86.0796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8446, 82.4274, 89.7058**, and the grayscale version is **75.6752, 79.6162, 86.7020**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5038, 42.6856, 46.6091** is the 20% darker color. If you saturate the color by 10%, you get **68.2026, 65.9801, 71.6222**, and if you desaturate by 10%, it is **86.1776, 93.9658, 102.1665**.

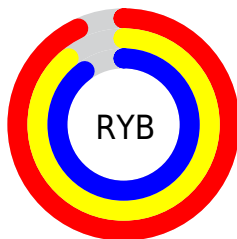
Distribution



Red (93%)

Green (89%)

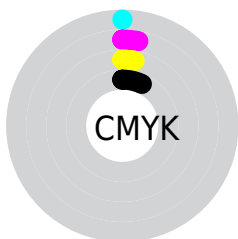
Blue (90%)



Red (93%)

Yellow (89%)

Blue (90%)

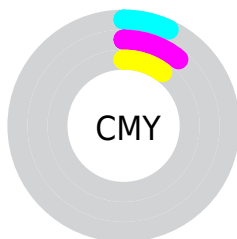


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6184, 79.0328, 86.0796 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 76.6184, 79.0328, 86.0796 by changing the saturation by 10% instead.

76.6184, 79.0328,
86.0796

76.6184, 79.0328,
86.0796

472.3739,
491.6673, 535.4311

57.2386, 58.9228,
64.1785

127.5764,
132.0050, 143.7681

41.4377, 42.5510,
46.3482

159.8852,
165.6360, 180.3926

28.8504, 29.5329,
32.1700

197.2345,
204.5428, 222.7620

19.1114, 19.4844,
21.2255

239.9895,
249.1098, 271.2948

11.8553, 12.0208,
13.0961

288.5155,
299.7213, 326.4096

6.7167, 6.7578,
7.3632

343.1781,

3.3303, 3.3111,

356.7618, 388.5248

3.6084

404.3424,
420.6157, 458.0592

■ 1.3308, 1.2962,
1.4131

■ 0.2061, 0.1383,
0.1519

■ 76.6184, 79.0328,
86.0796

■ 76.6184, 79.0328,
86.0796

■ 68.2026, 65.9801,
71.6222

■ 86.1776, 93.9658,
102.1665

■ 60.8803, 54.7231,
58.7378

■ 88.4026, 96.5731,
108.5889

■ 54.6077, 45.1859,
47.3739

■ 49.3357, 37.2833,
37.4734

■ 45.0110, 30.9228,
28.9752

■ 41.5751, 26.0024,
21.8140

■ 38.9630, 22.4080,
15.9188

■ 37.1001, 20.0077,
11.2117

■ 35.8974, 18.6422,
7.6047

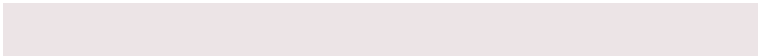
Harmonies

Analogous

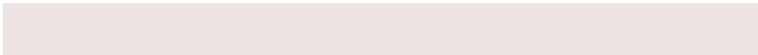
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4116, 79.0328, 88.2281



76.6184, 79.0328, 86.0796



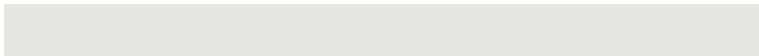
76.4209, 79.0328, 83.9594

Triad

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



76.6184, 79.0328, 86.0796



74.3836, 79.0328, 82.3971



74.3678, 79.0328, 89.7890

Complementary

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



76.6184, 79.0328, 86.0796



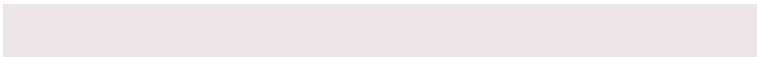
76.8446, 82.4274, 89.7058

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.



73.8306, 79.0328, 88.1817



76.6184, 79.0328, 86.0796



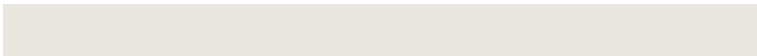
73.8397, 79.0328, 83.9145

Square

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



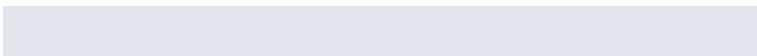
76.6184, 79.0328, 86.0796



75.1275, 79.0328, 81.8556



73.6379, 79.0328, 86.0270



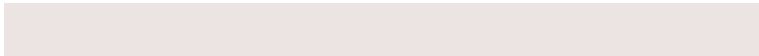
75.1091, 79.0328, 90.3921

Rectangle

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



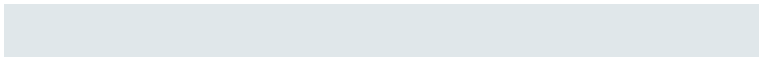
76.6184, 79.0328, 86.0796



76.0874, 79.0328, 82.8416



73.6379, 79.0328, 86.0270



74.1575, 79.0328, 89.3469

Sweetspot

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



76.6206, 79.0362, 86.0813



93.9353, 98.2612, 107.0162



76.8180, 79.0389, 90.5653



20.1178, 21.0503, 22.9258



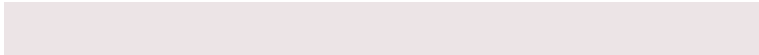
0.0000, 0.0000, 0.0000



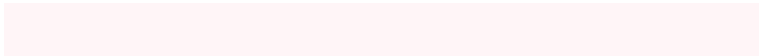
20.3446, 21.4041, 23.3091

Same Dimension

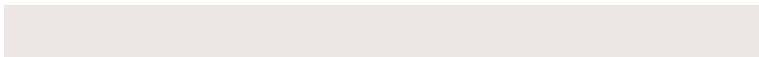
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6206, 79.0362, 86.0813



90.6740, 93.1807, 101.4828



76.8950, 80.0310, 84.7975



16.0835, 16.4568, 17.9218



19.5453, 10.0208, 3.4068



1.5723, 0.8019, 0.4653

Inverse Universe

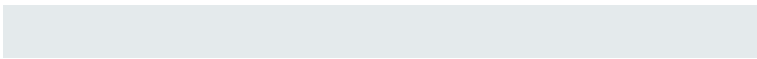
The Inverse Universe completely reimagines the original color for something new.



76.6206, 79.0362, 86.0813



90.6740, 93.1807, 101.4828



76.5607, 81.3981, 91.0342



16.0835, 16.4568, 17.9218



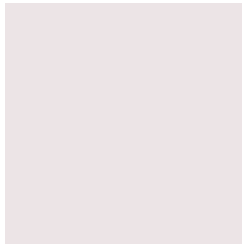
19.5453, 10.0208, 3.4068



1.5723, 0.8019, 0.4653

Previews

White Background



This preview shows how the XYZ color 76.6184, 79.0328, 86.0796 looks on a white background.

Color Contrast Check

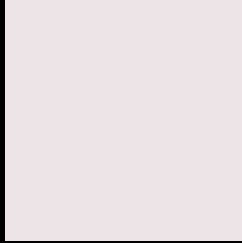
Large Text (above 18pt) WCAG AA × Fail

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 76.6184, 79.0328, 86.0796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

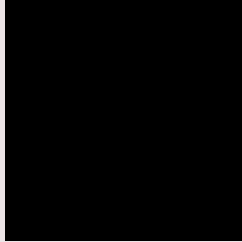
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

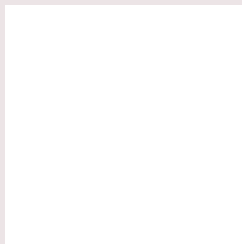
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6184, 79.0328, 86.0796

Background



This preview shows how black text looks on a background with the XYZ color 76.6184, 79.0328, 86.0796.



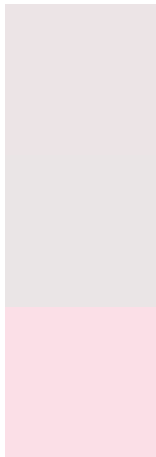
This preview shows how white text looks on a background with the XYZ color 76.6184, 79.0328,

86.0796.

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

76.6184, 79.0328, 86.0796

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

80.5951, 79.0541, 86.6125



Tritanopia

78.7854, 79.1015, 96.7036

Trichromacy



Original Color

76.6184, 79.0328, 86.0796

Protanomaly

76.5632, 79.4140, 86.1560

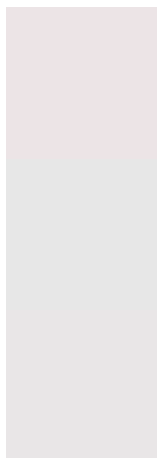
Deuteranomaly

79.3551, 79.2128, 86.7084

Tritanomaly

77.9741, 79.1747, 92.8339

Monochromacy



Original Color

76.6184, 79.0328, 86.0796

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 76.6184, 79.0328, 86.0796 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(236, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 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(236, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.6184, 79.0328, 86.0796 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(236, 228, 230) }
```


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

```
.border{ border-color:rgb(236, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6184, 79.0328, 86.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 230) }
```

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

```
.background{ background-color: rgb(236,  
228, 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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