

Converting Colors

XYZ(76.9050, 79.3836, 86.7797)

Have a look what the booklet for
XYZ(76.9050, 79.3836, 86.7797)
contains.

XYZ(77.0352, 79.6410, 86.9134)	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(77.0352, 79.6410,
86.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE5E7
RGB	236, 229, 231
RGB Percent	93%, 90%, 91%
CMY	0.0745, 0.1019, 0.0941
CMYK	0.00, 0.03, 0.02, 0.07
HSL	343°, 16%, 91%
HSV	343°, 3%, 93%
XYZ	77.0352, 79.6410, 86.9134
YIQ	231.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

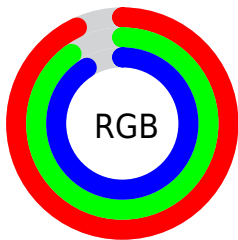
Format	Color
R _Y B	236, 229, 231
Decimal	15525351
CIE Lab	91.52, 2.72, -0.14
CIE LCh	92, 2.720, 357.030
Yxy	79.6410, 0.3162, 0.3269
Android (android.graphics.Color)	4293715431 (0xFFECE5E7)
YUV	231.3210, -0.1583, 4.1035
Hunter-Lab	89.2418, -2.0886, 4.7262

Details

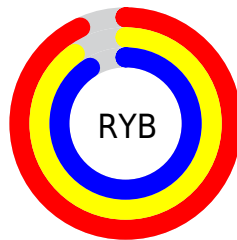
The XYZ color **77.0352, 79.6410, 86.9134** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1628, 82.5915, 89.7208**, and the grayscale version is **76.1959, 80.1640, 87.2986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6963, 43.0705, 46.6733** is the 20% darker color. If you saturate the color by 10%, you get **68.6759, 66.5519, 72.9350**, and if you desaturate by 10%, it is **86.5163, 94.6041, 102.4003**.

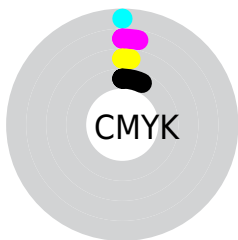
Distribution



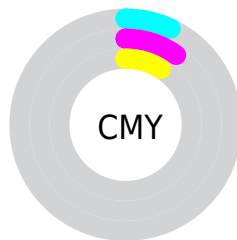
- Red (93%)
- Green (90%)
- Blue (91%)



- Red (93%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0352, 79.6410, 86.9134 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 77.0352, 79.6410, 86.9134 by changing the saturation by 10% instead.

77.0352, 79.6410,
86.9134

77.0352, 79.6410,
86.9134

473.7741,
493.7222, 538.2471

57.5818, 59.4230,
64.8643

128.1617,
132.8609, 144.9412

41.7145, 42.9537,
46.9004

160.5656,
166.6315, 181.7571

29.0679, 29.8488,
32.6032

198.0170,
205.6885, 224.3322

19.2767, 19.7238,
21.5540

240.8812,
250.4162, 273.0853

11.9756, 12.1945,
13.3344

289.5237,
301.1990, 328.4348

6.7992, 6.8763,
7.5258

344.3098,

3.3820, 3.3848,

358.4214, 390.7992

3.7096

405.6048,
422.4676, 460.5971

■ 1.3589, 1.3358,
1.4674

■ 0.2266, 0.1687,
0.1935

■ 77.0352, 79.6410,
86.9134

■ 77.0352, 79.6410,
86.9134

■ 68.6759, 66.5519,
72.9350

■ 86.5163, 94.6041,
102.4003

■ 61.3895, 55.2529,
60.4141

■ 88.4026, 96.5731,
108.5889

■ 55.1337, 45.6686,
49.3041

■ 49.8605, 37.7146,
39.5541

■ 45.5180, 31.2993,
31.1100

■ 42.0496, 26.3216,
23.9139

■ 39.3920, 22.6687,
17.9031

■ 37.4728, 20.2103,
13.0090

■ 36.2056, 18.7893,
9.1543

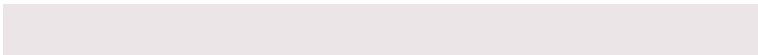
Harmonies

Analogous

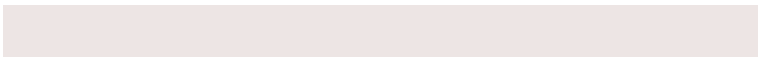
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8201, 79.6410, 88.8093



77.0352, 79.6410, 86.9134



76.8898, 79.6410, 84.9924

Triad

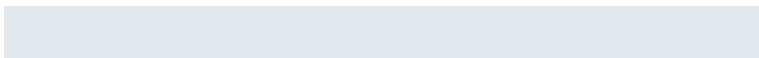
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0352, 79.6410, 86.9134



75.0923, 79.6410, 83.3597



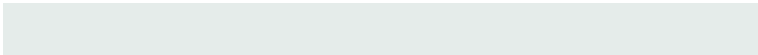
74.9734, 79.6410, 89.9574

Complementary

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



77.0352, 79.6410, 86.9134



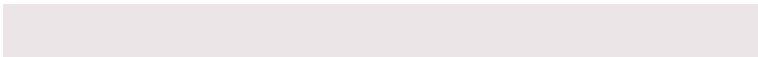
77.1628, 82.5915, 89.7208

Split Complementary

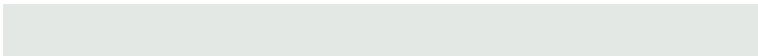
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5154, 79.6410, 88.4618



77.0352, 79.6410, 86.9134



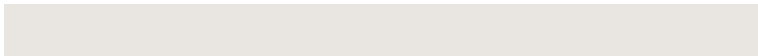
74.5837, 79.6410, 84.6549

Square

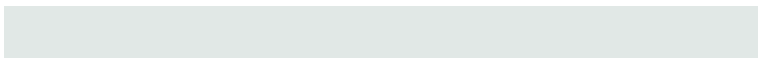
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



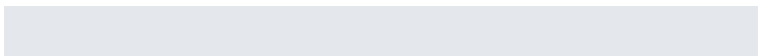
77.0352, 79.6410, 86.9134



75.7654, 79.6410, 82.9592



74.3732, 79.6410, 86.5179



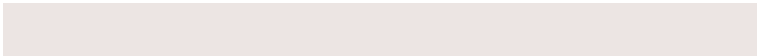
75.6274, 79.6410, 90.5835

Rectangle

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



77.0352, 79.6410, 86.9134



76.6085, 79.6410, 83.9524



74.3732, 79.6410, 86.5179



74.7916, 79.6410, 89.5386

Sweetspot

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



77.0375, 79.6444, 86.9151



93.9498, 98.2670, 107.0926



77.0611, 79.5739, 90.6558



20.1207, 21.0514, 22.9413



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.



77.0375, 79.6444, 86.9151



90.7303, 93.2032, 101.7795



77.1458, 80.3098, 85.5681



16.0953, 16.4615, 17.9839



19.6799, 10.0747, 4.1158



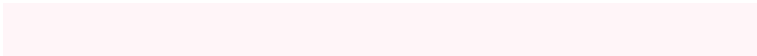
1.5855, 0.8072, 0.5347

Inverse Universe

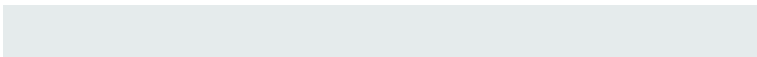
The Inverse Universe completely reimagines the original color for something new.



77.0375, 79.6444, 86.9151



90.7303, 93.2032, 101.7795



77.0500, 81.9043, 91.1062



16.0953, 16.4615, 17.9839



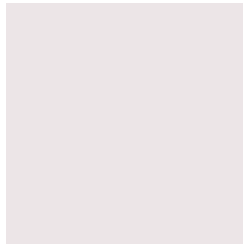
19.6799, 10.0747, 4.1158



1.5855, 0.8072, 0.5347

Previews

White Background



This preview shows how the XYZ color 77.0352, 79.6410, 86.9134 looks on a white background.

Color Contrast Check

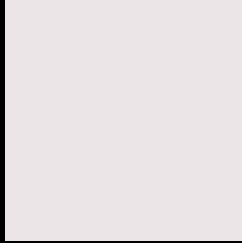
Large Text (above 18pt) WCAG AA × Fail

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 77.0352, 79.6410, 86.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

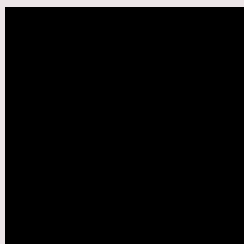
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

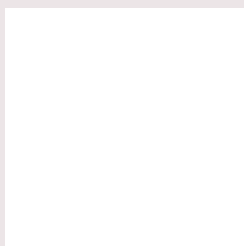
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0352, 79.6410, 86.9134

Background



This preview shows how black text looks on a background with the XYZ color 77.0352, 79.6410, 86.9134.



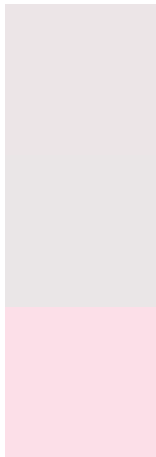
This preview shows how white text looks on a background with the XYZ color 77.0352, 79.6410,

86.9134.

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

77.0352, 79.6410, 86.9134

Protanopia

76.6523, 79.8556, 86.9750

Deuteranopia

81.0980, 79.2970, 87.3755



Tritanopia

79.2104, 79.7079, 97.5965

Trichromacy



Original Color

77.0352, 79.6410, 86.9134

Protanomaly

76.9816, 80.0253, 86.9904

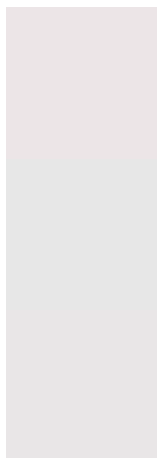
Deuteranomaly

79.4967, 79.2695, 87.4545

Tritanomaly

78.3966, 79.7826, 93.7057

Monochromacy



Original Color

77.0352, 79.6410, 86.9134

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 77.0352, 79.6410, 86.9134 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, 229, 231) looks like.

```
.text, #text, p{  
    color:rgb(236, 229, 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(236, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 229, 231) }
```

Border

The CSS property to change the border of an element to XYZ 77.0352, 79.6410, 86.9134 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, 229, 231) }
```


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

```
.border{ border-color:rgb(236, 229, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(236, 229,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0352, 79.6410, 86.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 229, 231) }
```

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

```
.background{ background-color: rgb(236,  
229, 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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