

Converting Colors

XYZ(76.9506, 81.7129, 88.7389)

Have a look what the booklet for
XYZ(76.9506, 81.7129, 88.7389)
contains.

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Color

**XYZ(76.7639, 81.5518,
88.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EAE9
RGB	230, 234, 233
RGB Percent	90%, 92%, 91%
CMY	0.0980, 0.0823, 0.0863
CMYK	0.02, 0.00, 0.00, 0.08
HSL	165°, 9%, 91%
HSV	165°, 2%, 92%
XYZ	76.7639, 81.5518, 88.7860
YIQ	232.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

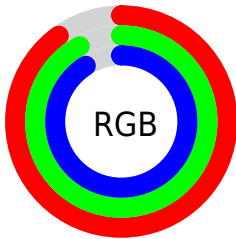
Format	Color
R _Y B	230, 232, 234
Decimal	15133417
CIE Lab	92.38, -1.51, 0.01
CIE LCh	92, 1.509, 179.732
Yxy	81.5518, 0.3107, 0.3300
Android (android.graphics.Color)	4293323497 (0xFFE6EAE9)
YUV	232.6900, 0.1528, -2.3591
Hunter-Lab	90.3060, -6.3031, 4.9222

Details

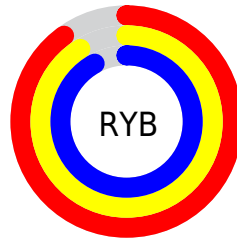
The XYZ color **76.7639, 81.5518, 88.7860** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6553, 79.8576, 86.9791**, and the grayscale version is **77.2210, 81.2425, 88.4731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5354, 44.1291, 47.9236** is the 20% darker color. If you saturate the color by 10%, you get **68.9289, 77.6103, 84.1182**, and if you desaturate by 10%, it is **85.6395, 86.0312, 93.6513**.

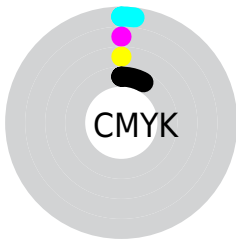
Distribution



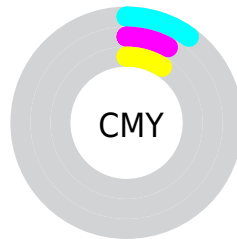
- Red (90%)
- Green (92%)
- Blue (91%)



- Red (90%)
- Yellow (91%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7639, 81.5518, 88.7860 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 76.7639, 81.5518, 88.7860 by changing the saturation by 10% instead.

■ 76.7639, 81.5518,
88.7860

■ 76.7639, 81.5518,
88.7860

472.8630,
500.1472, 544.5417

■ 57.3584, 60.9962,
66.4062

127.7808,
135.5453, 147.5717

■ 41.5343, 44.2221,
48.1436

160.1228,
169.7519, 184.8146

■ 28.9263, 30.8451,
33.5798

197.5077,
209.2777, 227.8490

■ 19.1691, 20.4809,
22.2963

240.3009,
254.5070, 277.0934

■ 11.8973, 12.7451,
13.8744

288.8676,
305.8242, 332.9663

■ 6.7455, 7.2533,
7.8956

343.5733,

■ 3.3483, 3.6210,

363.6137, 395.8863

3.9414

404.7833,
428.2599, 466.2719

■ 1.3405, 1.4639,
1.5932

■ 0.2132, 0.2631,
0.2860

■ 76.7639, 81.5518,
88.7860

■ 76.7639, 81.5518,
88.7860

■ 68.9289, 77.6103,
84.1182

■ 85.6395, 86.0312,
93.6513

■ 62.0875, 74.1754,
79.6393

■ 87.1053, 86.6851,
98.3151

■ 56.1991, 71.2287,
75.3476

■ 88.0142, 87.0487,
103.1010

■ 51.2177, 68.7465,
71.2396

■ 88.7144, 87.3288,
106.7881

■ 47.0937, 66.7031,
67.3115

■ 43.7721, 65.0704,
63.5593

■ 41.1918, 63.8168,
59.9786

■ 39.2824, 62.9061,
56.5645

■ 37.9596, 62.2948,
53.3116

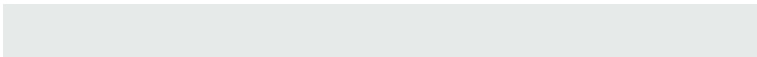
Harmonies

Analogous

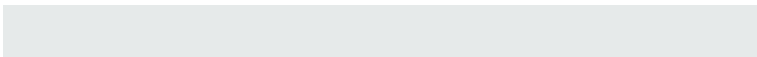
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8657, 81.5518, 87.7163



76.7639, 81.5518, 88.7860



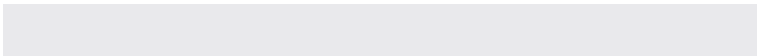
76.8622, 81.5518, 89.8671

Triad

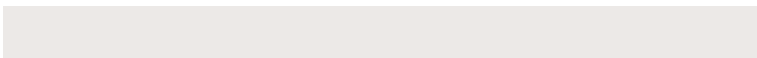
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7639, 81.5518, 88.7860



77.8856, 81.5518, 90.6770



77.8917, 81.5518, 86.9512

Complementary

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



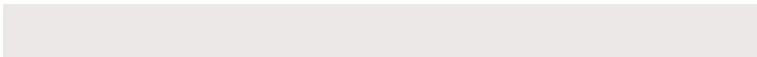
76.7639, 81.5518, 88.7860



76.6553, 79.8576, 86.9791

Split Complementary

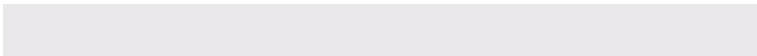
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1666, 81.5518, 87.7335



76.7639, 81.5518, 88.7860



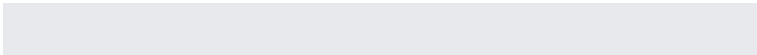
78.1630, 81.5518, 89.8847

Square

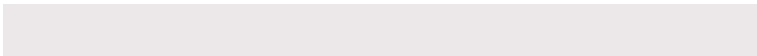
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7639, 81.5518, 88.7860



77.5090, 81.5518, 90.9644



78.2660, 81.5518, 88.8061



77.5160, 81.5518, 86.6624

Rectangle

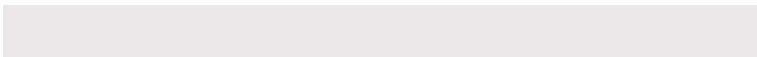
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



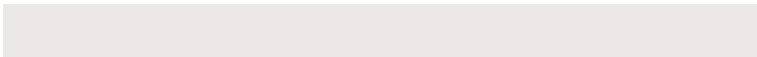
76.7639, 81.5518, 88.7860



77.0281, 81.5518, 90.4475



78.2660, 81.5518, 88.8061



77.9990, 81.5518, 87.1648

Sweetspot

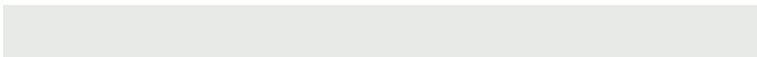
The Sweet Spot groups the original color and five complimentary colors.



76.7662, 81.5553, 88.7878



94.0153, 99.4785, 108.3152



76.6849, 81.5625, 86.5654



20.1340, 21.2980, 23.1901



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

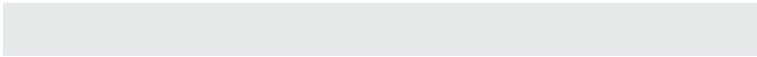
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7662, 81.5553, 88.7878



92.9933, 98.9634, 107.7328



76.6448, 81.0822, 89.4569



16.6544, 17.7119, 19.2819



20.9539, 34.8360, 28.7858



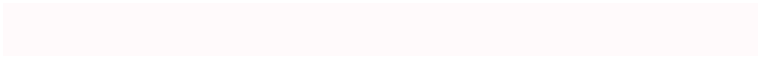
1.6835, 2.7507, 2.4608

Inverse Universe

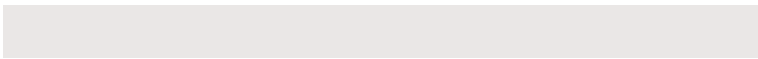
The Inverse Universe completely reimagines the original color for something new.



76.6553, 79.8576, 86.9791



92.8353, 96.5454, 105.1566



76.7746, 80.3225, 86.3214



16.6278, 17.3040, 18.8473



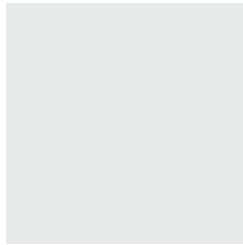
19.5490, 10.0223, 3.4263



1.5727, 0.8020, 0.4672

Previews

White Background



This preview shows how the XYZ color 76.7639, 81.5518, 88.7860 looks on a white background.

Color Contrast Check

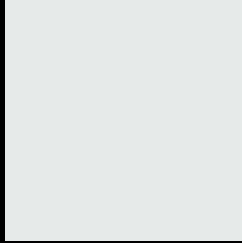
Large Text (above 18pt) WCAG AA × Fail

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 76.7639, 81.5518, 88.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

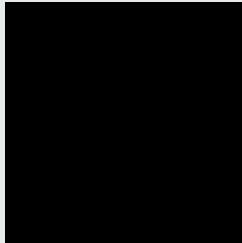
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

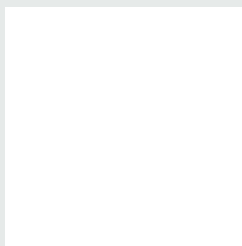
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7639, 81.5518, 88.7860

Background



This preview shows how black text looks on a background with the XYZ color 76.7639, 81.5518, 88.7860.



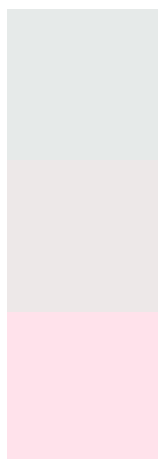
This preview shows how white text looks on a background with the XYZ color 76.7639, 81.5518,

88.7860.

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

76.7639, 81.5518, 88.7860

Protanopia

78.3472, 81.5439, 87.9541

Deuteranopia

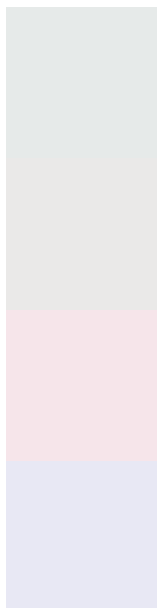
83.4318, 81.6509, 89.9601



Tritanopia

79.4355, 81.3776, 101.9632

Trichromacy



Original Color

76.7639, 81.5518, 88.7860

Protanomaly

77.6361, 81.5964, 88.0018

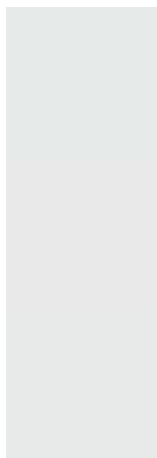
Deuteranomaly

80.8766, 81.5720, 89.3242

Tritanomaly

78.4645, 81.4007, 97.1643

Monochromacy



Original Color

76.7639, 81.5518, 88.7860

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.1256, 81.3168, 88.7216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7639, 81.5518, 88.7860 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(230, 234, 233) looks like.

```
.text, #text, p{  
    color:rgb(230, 234, 233)  
}
```

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(230, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 234, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.7639, 81.5518, 88.7860 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(230, 234, 233) }
```


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

```
.border{ border-color:rgb(230, 234, 233) }
```

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

Here you see how a box with a 4 pixel rgb(230, 234, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 234,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7639, 81.5518, 88.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 234, 233) }
```

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

```
.background{ background-color: rgb(230,  
234, 233) }
```

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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