

Converting Colors

XYZ(76.1195, 79.7249, 89.3785)

Have a look what the booklet for
XYZ(76.1195, 79.7249, 89.3785)
contains.

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Color

**XYZ(76.1031, 79.5231,
89.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E6EA
RGB	231, 230, 234
RGB Percent	91%, 90%, 92%
CMY	0.0941, 0.0980, 0.0823
CMYK	0.01, 0.02, 0.00, 0.08
HSL	255°, 9%, 91%
HSV	255°, 2%, 92%
XYZ	76.1031, 79.5231, 89.1803
YIQ	230.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

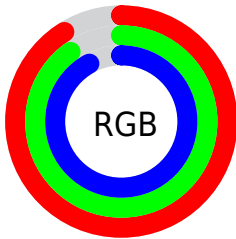
Format	Color
RYB	231, 230, 234
Decimal	15197930
CIELab	91.47, 1.06, -1.83
CIELCh	91, 2.115, 299.998
Yxy	79.5231, 0.3109, 0.3248
Android (android.graphics.Color)	4293388010 (0xFFE7E6EA)
YUV	230.7550, 1.5998, 0.2149
Hunter-Lab	89.1757, -3.7245, 3.1300

Details

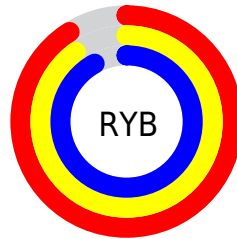
The XYZ color **76.1031, 79.5231, 89.1803** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3130, 81.8846, 86.5975**, and the grayscale version is **75.7643, 79.7100, 86.8042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0450, 42.9883, 48.2537** is the 20% darker color. If you saturate the color by 10%, you get **64.6355, 64.5864, 86.9028**, and if you desaturate by 10%, it is **89.0185, 96.5083, 91.7792**.

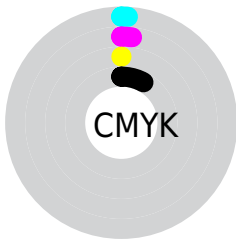
Distribution



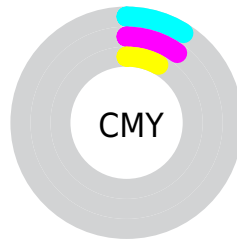
- Red (91%)
- Green (90%)
- Blue (92%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1031, 79.5231, 89.1803 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 76.1031, 79.5231, 89.1803 by changing the saturation by 10% instead.

■ 76.1031, 79.5231,
89.1803

■ 76.1031, 79.5231,
89.1803

470.6395,
493.3242, 545.8619

■ 56.8144, 59.3260,
66.7311

126.8522,
132.6950, 148.1248

■ 41.0958, 42.8756,
48.4059

159.0433,
166.4386, 185.4572

■ 28.5820, 29.7875,
33.7862

196.2660,
205.4665, 228.5878

■ 18.9075, 19.6774,
22.4534

238.8855,
250.1631, 277.9351

■ 11.7071, 12.1607,
13.9889

287.2673,
300.9128, 333.9176

■ 6.6153, 6.8532,
7.9743

341.7766,

■ 3.2669, 3.3705,

358.0999, 396.9539

3.9910

402.7789,
422.1089, 467.4625

■ 1.2964, 1.3281,
1.6204

■ 0.1805, 0.1628,
0.3053

■ 76.1031, 79.5231,
89.1803

■ 76.1031, 79.5231,
89.1803

■ 64.6355, 64.5864,
86.9028

■ 89.0185, 96.5083,
91.7792

■ 54.5575, 51.6102,
84.9293

■ 91.8515, 98.7206,
92.0570

■ 45.8173, 40.5150,
83.2484

■ 38.3566, 31.2124,
81.8460

■ 32.1132, 23.6062,
80.7070

■ 27.0191, 17.5914,
79.8145

■ 22.9995, 13.0509,
79.1499

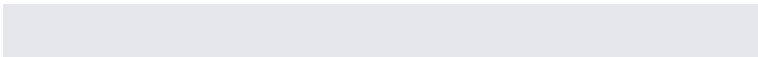
■ 19.9697, 9.8510,
78.6920

■ 17.8308, 7.8324,
78.4151

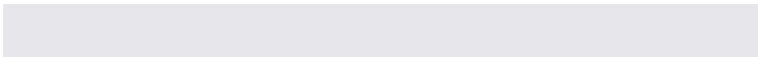
Harmonies

Analogous

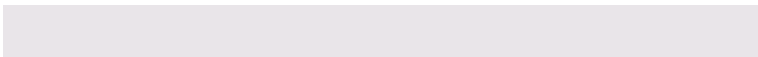
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5843, 79.5231, 89.5860



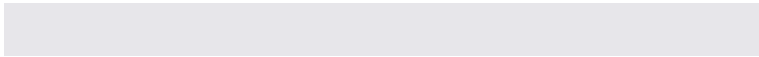
76.1031, 79.5231, 89.1803



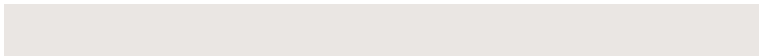
76.4844, 79.5231, 88.0781

Triad

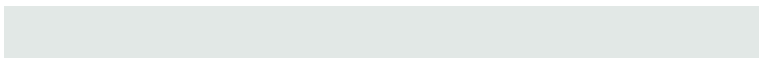
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1031, 79.5231, 89.1803



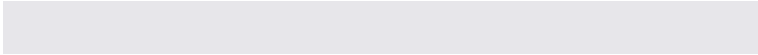
76.1032, 79.5231, 84.0448



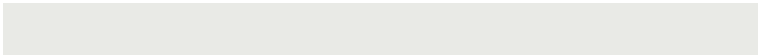
74.5538, 79.5231, 86.5870

Complementary

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



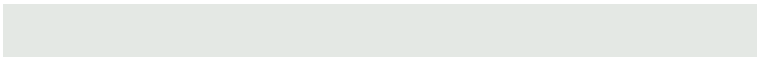
76.1031, 79.5231, 89.1803



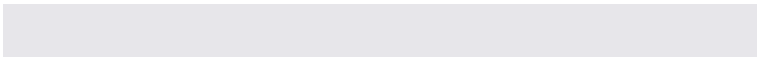
77.3130, 81.8846, 86.5975

Split Complementary

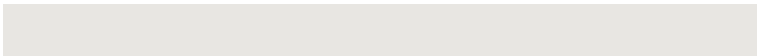
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6913, 79.5231, 85.1131



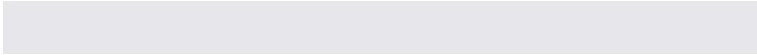
76.1031, 79.5231, 89.1803



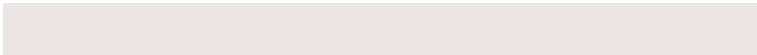
75.5844, 79.5231, 83.6560

Square

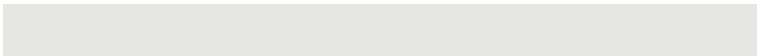
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



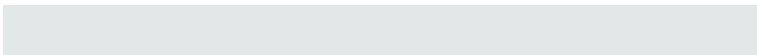
76.1031, 79.5231, 89.1803



76.4844, 79.5231, 85.1132



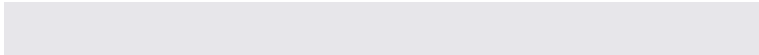
75.0679, 79.5231, 84.0447



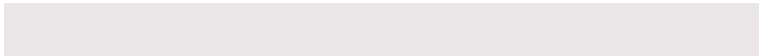
74.6913, 79.5231, 88.0780

Rectangle

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



76.1031, 79.5231, 89.1803



76.6084, 79.5231, 87.1031



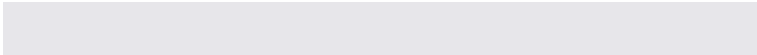
75.0679, 79.5231, 84.0447



74.5694, 79.5231, 86.0732

Sweetspot

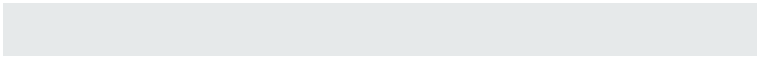
The Sweet Spot groups the original color and five complimentary colors.



76.1054, 79.5265, 89.1820



93.5411, 98.0225, 108.5978



76.6449, 81.0815, 89.4537



20.0376, 21.0017, 23.2476



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

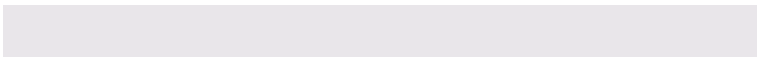
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1054, 79.5265, 89.1820



92.0499, 96.0701, 108.2996



76.7332, 79.8502, 89.2114



16.4953, 17.2239, 19.3774



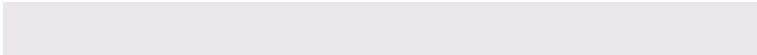
9.4334, 3.8990, 43.9984



0.8265, 0.3504, 3.4589

Inverse Universe

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



76.9393, 79.9729, 88.4761



93.2405, 96.7075, 107.2905



76.6849, 81.5608, 86.5681



16.6961, 17.3314, 19.2073



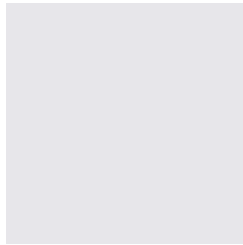
23.5062, 11.6052, 24.2650



1.8837, 0.9265, 2.1051

Previews

White Background



This preview shows how the XYZ color 76.1031, 79.5231, 89.1803 looks on a white background.

Color Contrast Check

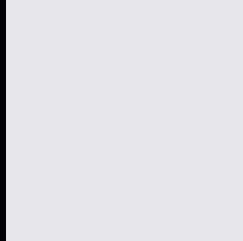
Large Text (above 18pt) WCAG AA × Fail

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 76.1031, 79.5231, 89.1803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

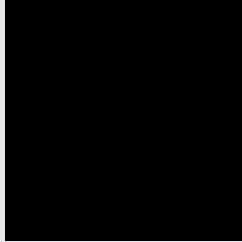
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

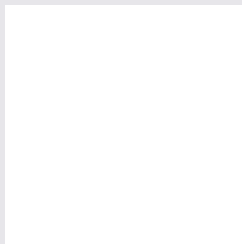
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1031, 79.5231, 89.1803

Background



This preview shows how black text looks on a background with the XYZ color 76.1031, 79.5231, 89.1803.



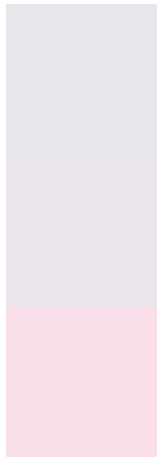
This preview shows how white text looks on a background with the XYZ color 76.1031, 79.5231,

89.1803.

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

76.1031, 79.5231, 89.1803

Protanopia

76.4749, 79.3028, 89.1182

Deuteranopia

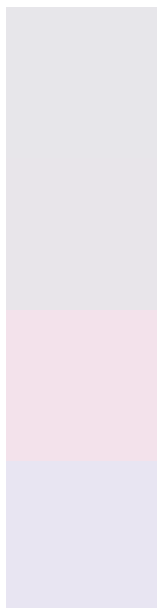
80.8074, 79.0975, 89.6056



Tritanopia

77.9822, 79.4643, 98.4168

Trichromacy



Original Color

76.1031, 79.5231, 89.1803

Protanomaly

76.1493, 79.1349, 89.1030

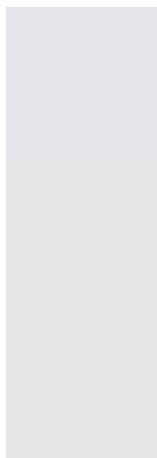
Deuteranomaly

79.1539, 79.4456, 89.7599

Tritanomaly

77.3250, 79.6052, 95.2943

Monochromacy



Original Color

76.1031, 79.5231, 89.1803

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0964, 79.9669, 87.7684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1031, 79.5231, 89.1803 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(231, 230, 234) looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 234)  
}
```

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(231, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.1031, 79.5231, 89.1803 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(231, 230, 234) }
```


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

```
.border{ border-color:rgb(231, 230, 234) }
```

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

Here you see how a box with a 4 pixel rgb(231, 230, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1031, 79.5231, 89.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 234) }
```

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

```
.background{ background-color: rgb(231,  
230, 234) }
```

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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