

Converting Colors

XYZ(76.0298, 81.0744, 89.8781)

Have a look what the booklet for
XYZ(76.0298, 81.0744, 89.8781)
contains.

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Color

**XYZ(76.0968, 81.1747,
90.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAEB
RGB	227, 234, 235
RGB Percent	89%, 92%, 92%
CMY	0.1098, 0.0823, 0.0784
CMYK	0.03, 0.00, 0.00, 0.08
HSL	187°, 17%, 91%
HSV	187°, 3%, 92%
XYZ	76.0968, 81.1747, 90.2548
YIQ	232.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

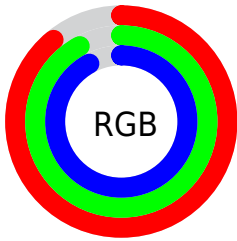
Format	Color
R _Y B	227, 231, 235
Decimal	14936811
CIE Lab	92.21, -2.14, -1.31
CIE LCh	92, 2.507, 211.393
Yxy	81.1747, 0.3074, 0.3279
Android (android.graphics.Color)	4293126891 (0xFFE3EAEB)
YUV	232.0210, 1.4686, -4.4034
Hunter-Lab	90.0970, -6.9069, 3.6741

Details

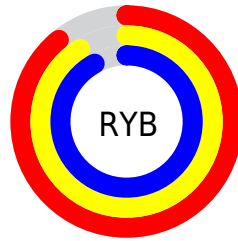
The XYZ color **76.0968, 81.1747, 90.2548** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8697, 78.6943, 83.8651**, and the grayscale version is **76.7112, 80.7062, 87.8890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0703, 43.8661, 48.9502** is the 20% darker color. If you saturate the color by 10%, you get **68.3591, 75.9614, 89.6576**, and if you desaturate by 10%, it is **84.8646, 86.9440, 90.9075**.

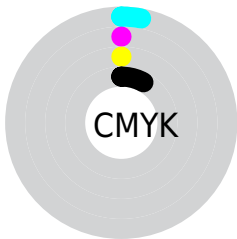
Distribution



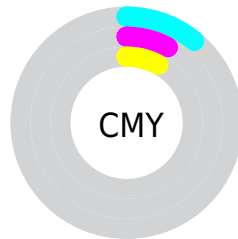
- Red (89%)
- Green (92%)
- Blue (92%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0968, 81.1747, 90.2548 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 76.0968, 81.1747, 90.2548 by changing the saturation by 10% instead.

■ 76.0968, 81.1747,
90.2548

■ 76.0968, 81.1747,
90.2548

470.6183,
498.8829, 549.4508

■ 56.8092, 60.6855,
67.6171

126.8434,
135.0160, 149.6309

■ 41.0916, 43.9714,
49.1215

159.0330,
169.1370, 187.2063

■ 28.5787, 30.6480,
34.3496

196.2541,
208.5706, 230.5981

■ 18.9050, 20.3310,
22.8828

238.8720,
253.7013, 280.2248

■ 11.7053, 12.6359,
14.3025

287.2520,
304.9135, 336.5048

■ 6.6141, 7.1783,
8.1902

341.7595,

■ 3.2661, 3.5738,

362.5915, 399.8568

4.1274

402.7598,
427.1199, 470.6993

■ 1.2960, 1.4382,
1.6955

■ 0.1802, 0.2446,
0.3576

■ 76.0968, 81.1747,
90.2548

■ 76.0968, 81.1747,
90.2548

■ 68.3591, 75.9614,
89.6576

■ 84.8646, 86.9440,
90.9075

■ 61.6038, 71.2725,
89.1086

■ 87.3540, 89.4950,
91.2687

■ 55.7896, 67.0891,
88.6075

■ 88.2218, 91.2306,
91.5580

■ 50.8696, 63.3868,
88.1522

■ 89.1036, 92.9942,
91.8519

■ 46.7932, 60.1394,
87.7403

■ 89.9994, 94.7857,
92.1505

■ 43.5040, 57.3178,
87.3690

■ 90.9092, 96.6055,
92.4538

■ 40.9392, 54.8894,
87.0355

■ 91.8332, 98.4535,
92.7618

■ 39.0259, 52.8167,
86.7362

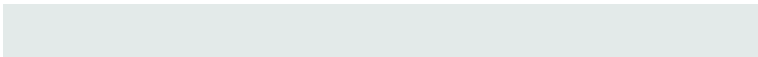
■ 91.9956, 98.7783,
92.8159

■ 37.6758, 51.0539,
86.4672

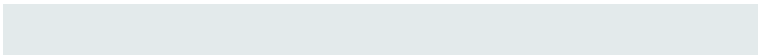
Harmonies

Analogous

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



75.9168, 81.1747, 88.4721



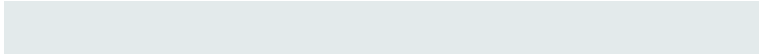
76.0968, 81.1747, 90.2548



76.5599, 81.1747, 91.5511

Triad

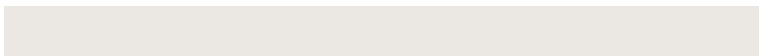
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0968, 81.1747, 90.2548



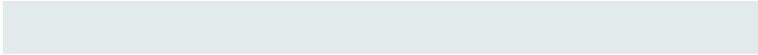
78.2517, 81.1747, 90.1028



77.1239, 81.1747, 84.8705

Complementary

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



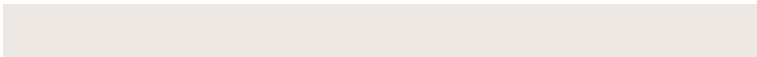
76.0968, 81.1747, 90.2548



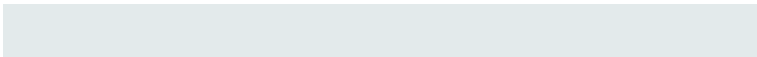
75.8697, 78.6943, 83.8651

Split Complementary

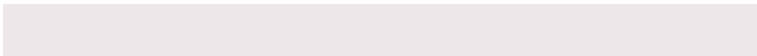
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7514, 81.1747, 85.2936



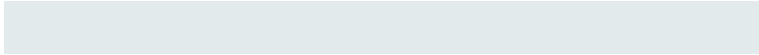
76.0968, 81.1747, 90.2548



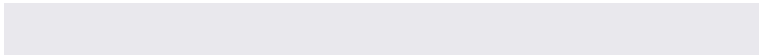
78.4048, 81.1747, 88.2989

Square

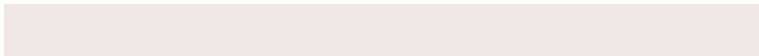
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0968, 81.1747, 90.2548



77.8041, 81.1747, 91.4625



78.2212, 81.1747, 86.5421



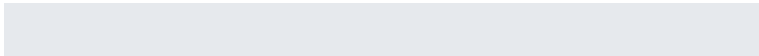
76.5078, 81.1747, 85.3782

Rectangle

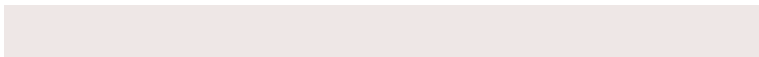
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



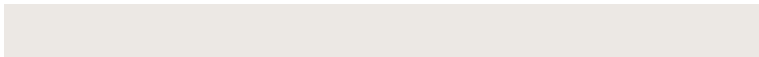
76.0968, 81.1747, 90.2548



76.9680, 81.1747, 91.9560



78.2212, 81.1747, 86.5421



77.3405, 81.1747, 84.9085

Sweetspot

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



76.0991, 81.1782, 90.2566



94.0168, 99.3171, 108.8226



75.3825, 81.3466, 85.0800



20.1344, 21.2652, 23.2933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

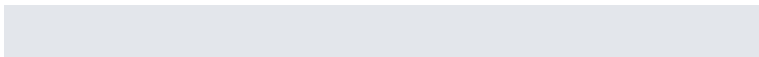
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0991, 81.1782, 90.2566



90.9926, 97.3088, 108.5944



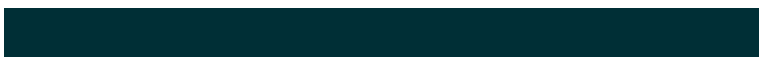
74.9906, 78.9611, 89.8871



16.1502, 17.3217, 19.4145



20.6587, 27.9644, 48.0518



1.6671, 2.2857, 3.7882

Inverse Universe

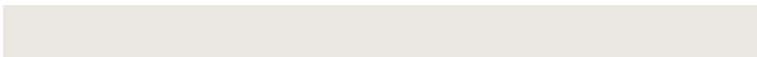
The Inverse Universe completely reimagines the original color for something new.



76.5831, 78.5424, 88.9698



91.6781, 93.5823, 106.7705



76.9652, 80.8852, 84.2303



16.2942, 16.5410, 19.0312



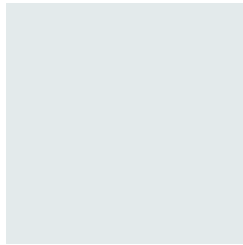
25.2828, 12.3158, 33.6205



2.0080, 0.9762, 2.7594

Previews

White Background



This preview shows how the XYZ color 76.0968, 81.1747, 90.2548 looks on a white background.

Color Contrast Check

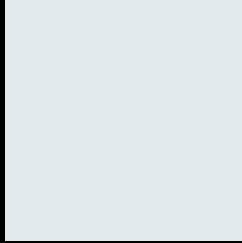
Large Text (above 18pt) WCAG AA × Fail

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 76.0968, 81.1747, 90.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

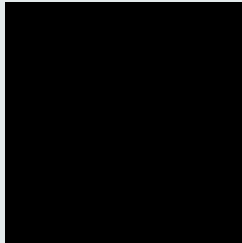
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

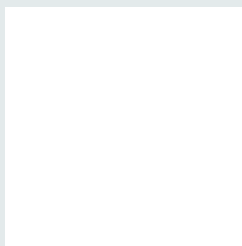
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0968, 81.1747, 90.2548

Background



This preview shows how black text looks on a background with the XYZ color 76.0968, 81.1747, 90.2548.



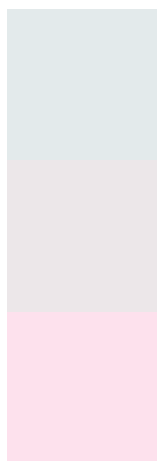
This preview shows how white text looks on a background with the XYZ color 76.0968, 81.1747,

90.2548.

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

76.0968, 81.1747, 90.2548

Protanopia

77.8760, 80.8679, 88.5954

Deuteranopia

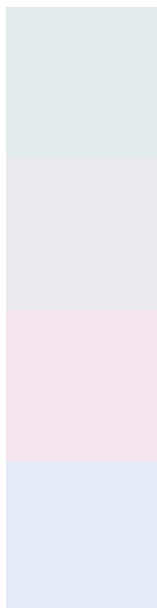
82.7193, 80.8475, 91.3661



Tritanopia

78.4250, 81.2734, 101.9964

Trichromacy



Original Color

76.0968, 81.1747, 90.2548

Protanomaly

77.3122, 80.9774, 89.3973

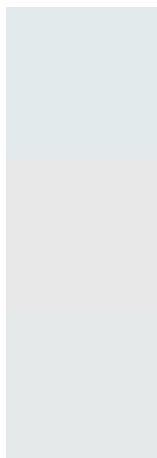
Deuteranomaly

80.1920, 80.7760, 90.7216

Tritanomaly

77.6153, 81.3644, 98.0003

Monochromacy



Original Color

76.0968, 81.1747, 90.2548

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4800, 80.9840, 88.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0968, 81.1747, 90.2548 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(227, 234, 235) looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 235)  
}
```

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(227, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.0968, 81.1747, 90.2548 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(227, 234, 235) }
```


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

```
.border{ border-color:rgb(227, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0968, 81.1747, 90.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 235) }
```

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

```
.background{ background-color: rgb(227,  
234, 235) }
```

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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