

Converting Colors

XYZ(76.2391, 81.3378, 88.7436)

Have a look what the booklet for
XYZ(76.2391, 81.3378, 88.7436)
contains.

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Color

**XYZ(76.1257, 81.2228,
88.7561)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EAE9
RGB	228, 234, 233
RGB Percent	89%, 92%, 91%
CMY	0.1059, 0.0823, 0.0863
CMYK	0.03, 0.00, 0.00, 0.08
HSL	170°, 13%, 91%
HSV	170°, 3%, 92%
XYZ	76.1257, 81.2228, 88.7561
YIQ	232.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

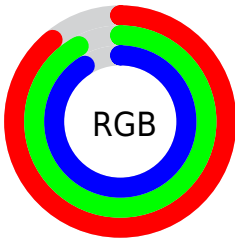
Format	Color
R _Y B	228, 231, 234
Decimal	15002345
CIE Lab	92.23, -2.17, -0.22
CIE LCh	92, 2.185, 185.873
Yxy	81.2228, 0.3093, 0.3300
Android (android.graphics.Color)	4293192425 (0xFFE4EAE9)
YUV	232.0920, 0.4476, -3.5887
Hunter-Lab	90.1237, -6.9410, 4.6963

Details

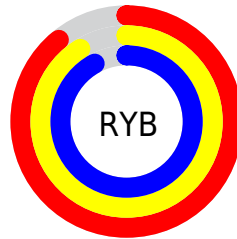
The XYZ color **76.1257, 81.2228, 88.7561** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8209, 78.6385, 85.3153**, and the grayscale version is **76.7711, 80.7691, 87.9576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0898, 43.8994, 47.9027** is the 20% darker color. If you saturate the color by 10%, you get **68.6466, 77.4333, 85.5221**, and if you desaturate by 10%, it is **84.6266, 85.5421, 92.1060**.

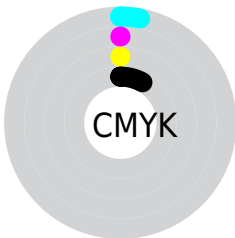
Distribution



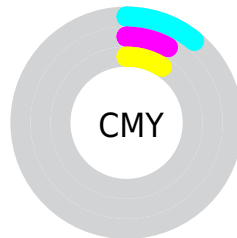
- Red (89%)
- Green (92%)
- Blue (91%)



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



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



- Cyan (11%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1257, 81.2228, 88.7561 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 76.1257, 81.2228, 88.7561 by changing the saturation by 10% instead.

■ 76.1257, 81.2228,
88.7561

■ 76.1257, 81.2228,
88.7561

470.7157,
499.0443, 544.4415

■ 56.8330, 60.7251,
66.3815

126.8840,
135.0836, 147.5297

■ 41.1108, 44.0034,
48.1238

159.0803,
169.2154, 184.7659

■ 28.5937, 30.6732,
33.5642

196.3085,
208.6608, 227.7930

■ 18.9164, 20.3501,
22.2844

238.9340,
253.8041, 277.0295

■ 11.7136, 12.6498,
13.8657

287.3221,
305.0297, 332.8941

■ 6.6197, 7.1878,
7.8896

341.8381,

■ 3.2697, 3.5798,

362.7220, 395.8053

3.9376

402.8476,
427.2654, 466.1816

■ 1.2979, 1.4414,
1.5912

■ 0.1817, 0.2470,
0.2845

■ 76.1257, 81.2228,
88.7561

■ 76.1257, 81.2228,
88.7561

■ 68.6466, 77.4333,
85.5221

■ 84.6266, 85.5421,
92.1060

■ 62.1422, 74.1426,
82.3963

■ 86.5157, 86.4493,
95.2099

■ 56.5720, 71.3321,
79.3781

■ 87.1060, 86.6854,
98.3185

■ 51.8899, 68.9780,
76.4649

■ 87.7089, 86.9266,
101.4936

■ 48.0459, 67.0546,
73.6540

■ 88.3246, 87.1728,
104.7357

■ 44.9849, 65.5335,
70.9423

■ 88.7144, 87.3287,
106.7881

■ 42.6454, 64.3829,
68.3266

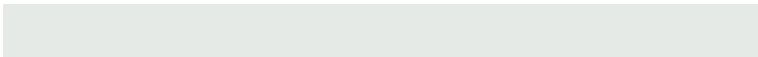
■ 40.9561, 63.5661,
65.8030

■ 39.8314, 63.0391,
63.3671

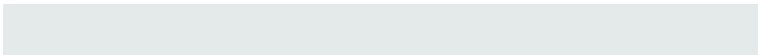
Harmonies

Analogous

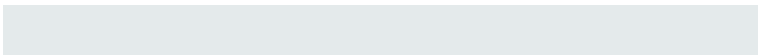
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2140, 81.2228, 87.1739



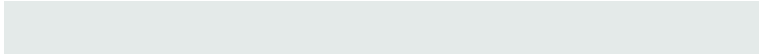
76.1257, 81.2228, 88.7561



76.3241, 81.2228, 90.2710

Triad

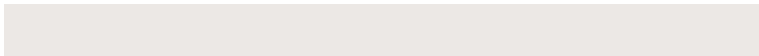
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1257, 81.2228, 88.7561



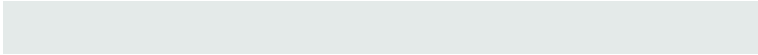
77.8373, 81.2228, 90.9794



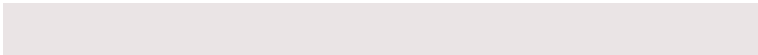
77.6441, 81.2228, 85.6325

Complementary

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



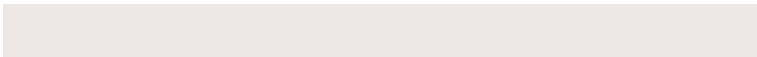
76.1257, 81.2228, 88.7561



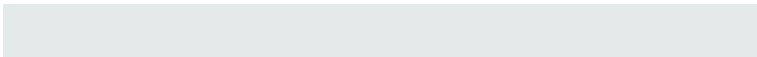
75.8209, 78.6385, 85.3153

Split Complementary

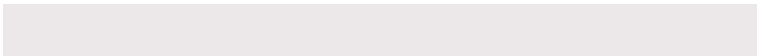
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0823, 81.2228, 86.6297



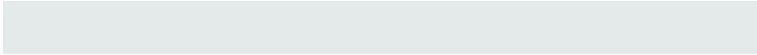
76.1257, 81.2228, 88.7561



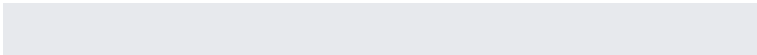
78.1941, 81.2228, 89.7139

Square

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



76.1257, 81.2228, 88.7561



77.3109, 81.2228, 91.5646



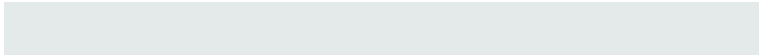
78.2840, 81.2228, 88.1203



77.0889, 81.2228, 85.3831

Rectangle

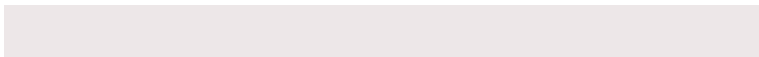
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



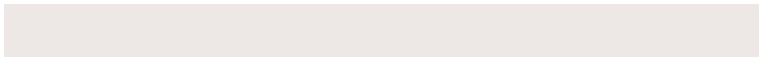
76.1257, 81.2228, 88.7561



76.5928, 81.2228, 91.0347



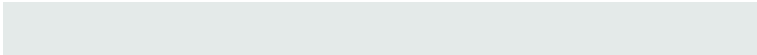
78.2840, 81.2228, 88.1203



77.8101, 81.2228, 85.8908

Sweetspot

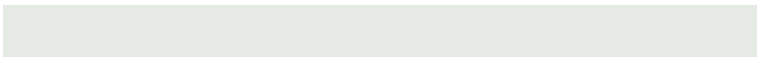
The Sweet Spot groups the original color and five complimentary colors.



76.1280, 81.2263, 88.7579



94.0495, 99.4921, 108.4953



75.7739, 81.1251, 85.0650



20.1410, 21.3008, 23.2267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

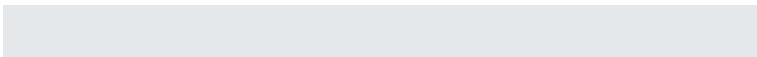
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1280, 81.2263, 88.7579



92.0861, 98.4957, 107.6899



75.7335, 80.2070, 89.3359



16.3385, 17.5504, 19.2071



22.1020, 35.2953, 34.8319



1.7642, 2.7830, 2.8863

Inverse Universe

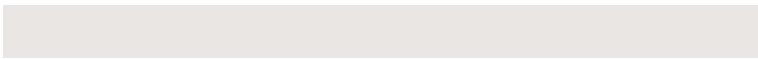
The Inverse Universe completely reimagines the original color for something new.



75.8209, 78.6385, 85.3153



91.6490, 94.8122, 102.7897



76.2071, 79.6344, 84.7544



16.2408, 16.7268, 18.1115



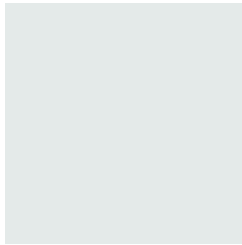
19.3056, 9.9249, 2.1447



1.5463, 0.7915, 0.3284

Previews

White Background



This preview shows how the XYZ color 76.1257, 81.2228, 88.7561 looks on a white background.

Color Contrast Check

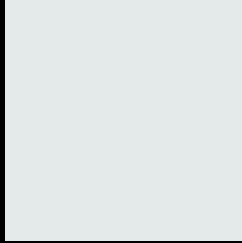
Large Text (above 18pt) WCAG AA × Fail

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 76.1257, 81.2228, 88.7561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

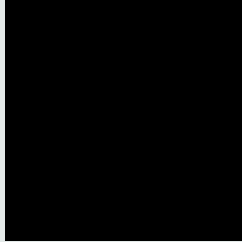
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

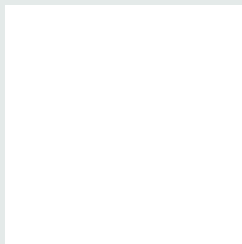
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1257, 81.2228, 88.7561

Background



This preview shows how black text looks on a background with the XYZ color 76.1257, 81.2228, 88.7561.



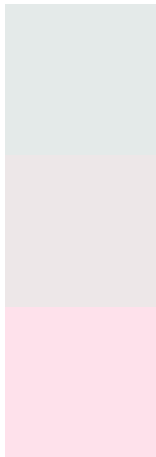
This preview shows how white text looks on a background with the XYZ color 76.1257, 81.2228,

88.7561.

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

76.1257, 81.2228, 88.7561

Protanopia

78.0665, 80.9825, 87.8606

Deuteranopia

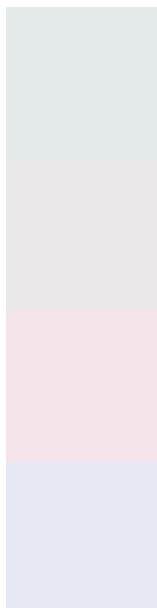
82.7937, 80.9194, 89.8526



Tritanopia

78.7862, 81.0429, 101.9328

Trichromacy



Original Color

76.1257, 81.2228, 88.7561

Protanomaly

77.3538, 81.0318, 87.9077

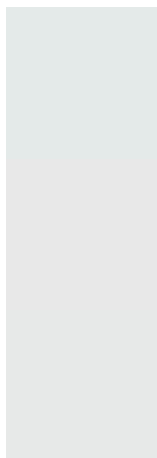
Deuteranomaly

80.2509, 80.8398, 89.2159

Tritanomaly

77.8189, 81.0679, 97.1341

Monochromacy



Original Color

76.1257, 81.2228, 88.7561

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.6594, 81.0929, 87.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1257, 81.2228, 88.7561 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(228, 234, 233) looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 234, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.1257, 81.2228, 88.7561 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(228, 234, 233) }
```


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

```
.border{ border-color:rgb(228, 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(228, 234, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(228, 234,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1257, 81.2228, 88.7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 234, 233) }
```

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

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