

Converting Colors

XYZ(78.4062, 80.5571, 96.2106)

Have a look what the booklet for
XYZ(78.4062, 80.5571, 96.2106)
contains.

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Color

**XYZ(78.4062, 80.5571,
96.2106)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE6F3
RGB	234, 230, 243
RGB Percent	92%, 90%, 95%
CMY	0.0823, 0.0980, 0.0471
CMYK	0.04, 0.05, 0.00, 0.05
HSL	258°, 35%, 93%
HSV	258°, 5%, 95%
XYZ	78.4062, 80.5571, 96.2106
YIQ	232.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

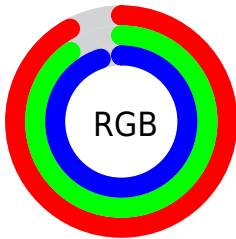
Format	Color
R_{YB}	234, 230, 243
Decimal	15394547
CIE _{Lab}	91.93, 3.70, -5.83
CIE _{LCh}	92, 6.899, 302.390
Yxy	80.5571, 0.3073, 0.3157
Android (android.graphics.Color)	4293584627 (0xFFEAE6F3)
YUV	232.6780, 5.0887, 1.1594
Hunter-Lab	89.7536, -1.1363, -0.7279

Details

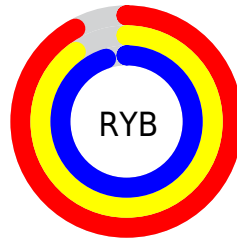
The XYZ color **78.4062, 80.5571, 96.2106** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9330, 88.1671, 87.5665**, and the grayscale version is **77.1760, 81.1952, 88.4215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6597, 43.7128, 53.2027** is the 20% darker color. If you saturate the color by 10%, you get **66.8455, 65.2505, 93.8667**, and if you desaturate by 10%, it is **91.4389, 98.0264, 98.8968**.

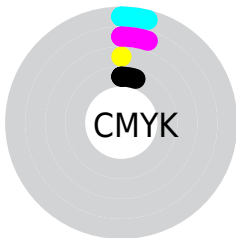
Distribution



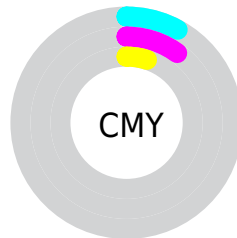
- Red (92%)
- Green (90%)
- Blue (95%)



- Red (92%)
- Yellow (90%)
- Blue (95%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4062, 80.5571, 96.2106 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 78.4062, 80.5571, 96.2106 by changing the saturation by 10% instead.

78.4062, 80.5571,
96.2106

78.4062, 80.5571,
96.2106

478.3640,
496.8083, 569.1164

58.7117, 60.1769,
72.5405

130.0849,
134.1487, 157.9460

42.6265, 43.5612,
53.1108

162.7998,
168.1289, 196.8484

29.7854, 30.3257,
37.5029

200.5855,
207.4112, 241.6653

19.8230, 20.0859,
25.2983

243.8074,
252.3800, 292.8152

12.3740, 12.4575,
16.0784

292.8309,
303.4197, 350.7168

7.0729, 7.0561,
9.4247

348.0212,

3.5545, 3.4972,

360.9148, 415.7884

4.9186

409.7438,
425.2495, 488.4488

■ 1.4533, 1.3965,
2.1417

■ 0.2937, 0.2141,
0.6404

■ 78.4062, 80.5571,
96.2106

■ 78.4062, 80.5571,
96.2106

■ 66.8455, 65.2505,
93.8667

■ 91.4389, 98.0264,
98.8968

■ 56.6966, 52.0111,
91.8461

■ 93.1779, 99.2512,
99.0416

■ 47.9050, 40.7518,
90.1362

■ 40.4102, 31.3749,
88.7213

■ 34.1468, 23.7743,
87.5844

■ 29.0430, 17.8332,
86.7066

■ 25.0193, 13.4203,
86.0669

■ 21.9845, 10.3834,
85.6407

■ 19.8293, 8.5364,
85.3978

Harmonies

Analogous

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



76.7092, 80.5571, 97.8246



78.4062, 80.5571, 96.2106



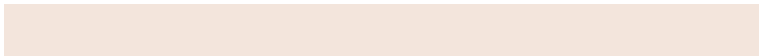
79.6251, 80.5571, 92.3119

Triad

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



78.4062, 80.5571, 96.2106



78.1565, 80.5571, 79.3499



73.2142, 80.5571, 88.1204

Complementary

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



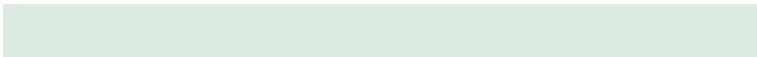
78.4062, 80.5571, 96.2106



81.9330, 88.1671, 87.5665

Split Complementary

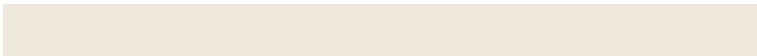
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5884, 80.5571, 83.2694



78.4062, 80.5571, 96.2106



76.4252, 80.5571, 78.3233

Square

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



78.4062, 80.5571, 96.2106



79.4794, 80.5571, 82.5907



74.7570, 80.5571, 79.7311



73.7268, 80.5571, 93.0428

Rectangle

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



78.4062, 80.5571, 96.2106



79.9930, 80.5571, 89.0111



74.7570, 80.5571, 79.7311



73.2404, 80.5571, 86.4275

Sweetspot

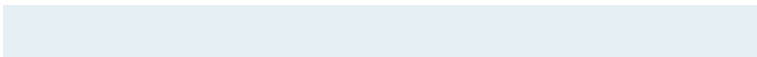
The Sweet Spot groups the original color and five complimentary colors.



78.4085, 80.5605, 96.2124



92.1571, 96.1254, 108.3046



79.7093, 85.0882, 97.0177



19.7558, 20.6154, 23.1879



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.



78.4085, 80.5605, 96.2124



86.5708, 88.6693, 107.1599



80.5481, 81.6635, 96.3125



16.8008, 17.1569, 20.9687



10.5803, 4.4286, 46.8352



1.0305, 0.4411, 4.1211

Inverse Universe

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



80.8417, 81.8839, 93.2095



89.6135, 90.3243, 103.3963



79.8100, 87.0727, 87.4671



17.4571, 17.5140, 20.1551



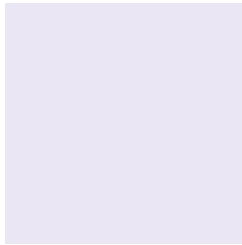
24.2423, 12.0403, 21.7820



2.1765, 1.0766, 2.1557

Previews

White Background



This preview shows how the XYZ color 78.4062, 80.5571, 96.2106 looks on a white background.

Color Contrast Check

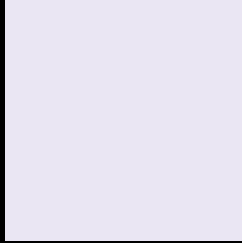
Large Text (above 18pt) WCAG AA × Fail

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 78.4062, 80.5571, 96.2106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

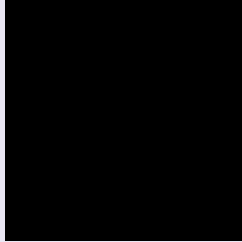
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

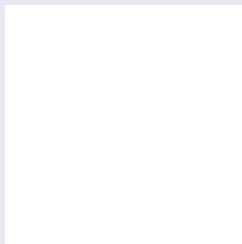
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4062, 80.5571, 96.2106

Background



This preview shows how black text looks on a background with the XYZ color 78.4062, 80.5571, 96.2106.



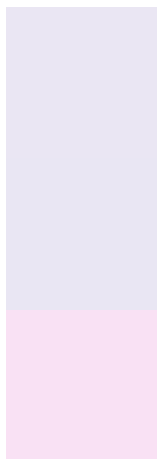
This preview shows how white text looks on a background with the XYZ color 78.4062, 80.5571,

96.2106.

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

78.4062, 80.5571, 96.2106

Protanopia

78.0787, 80.3883, 96.1953

Deuteranopia

82.3213, 80.5218, 96.7914



Tritanopia

79.0688, 80.4162, 99.3502

Trichromacy



Original Color

78.4062, 80.5571, 96.2106

Protanomaly

78.0787, 80.3883, 96.1953

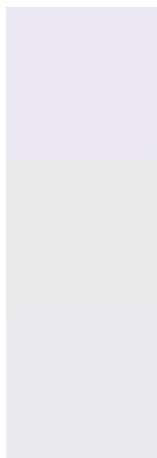
Deuteranomaly

81.1064, 80.7029, 96.8904

Tritanomaly

78.9148, 80.3546, 98.5395

Monochromacy



Original Color

78.4062, 80.5571, 96.2106

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7469, 81.1513, 91.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4062, 80.5571, 96.2106 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(234, 230, 243) looks like.

```
.text, #text, p{  
    color:rgb(234, 230, 243)  
}
```

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(234, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 230, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.4062, 80.5571, 96.2106 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(234, 230, 243) }
```


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

```
.border{ border-color:rgb(234, 230, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 230, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(234, 230,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4062, 80.5571, 96.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 230, 243) }
```

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

```
.background{ background-color: rgb(234,  
230, 243) }
```

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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