

Converting Colors

XYZ(78.7140, 81.1649, 94.7368)

Have a look what the booklet for
XYZ(78.7140, 81.1649, 94.7368)
contains.

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Color

**XYZ(78.7140, 81.1649,
94.7368)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE7F1
RGB	235, 231, 241
RGB Percent	92%, 91%, 95%
CMY	0.0784, 0.0941, 0.0549
CMYK	0.02, 0.04, 0.00, 0.05
HSL	264°, 26%, 93%
HSV	264°, 4%, 95%
XYZ	78.7140, 81.1649, 94.7368
YIQ	233.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

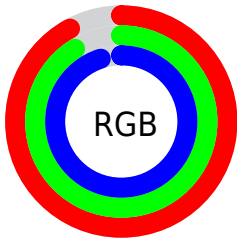
Format	Color
R_{YB}	235, 231, 241
Decimal	15460337
CIE Lab	92.21, 3.14, -4.37
CIE LCh	92, 5.385, 305.687
Yxy	81.1649, 0.3091, 0.3188
Android (android.graphics.Color)	4293650417 (0xFFE7E7F1)
YUV	233.3360, 3.7784, 1.4593
Hunter-Lab	90.0916, -1.7028, 0.7170

Details

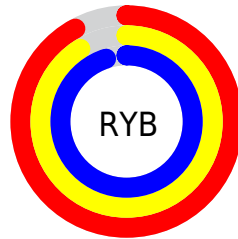
The XYZ color **78.7140, 81.1649, 94.7368** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8073, 86.6869, 88.0787**, and the grayscale version is **77.6801, 81.7255, 88.9991**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6773, 43.7464, 52.0935** is the 20% darker color. If you saturate the color by 10%, you get **67.8448, 66.2301, 92.4282**, and if you desaturate by 10%, it is **90.8713, 98.0968, 97.3654**.

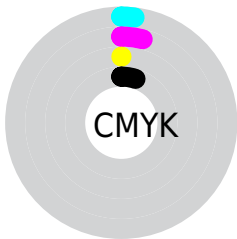
Distribution



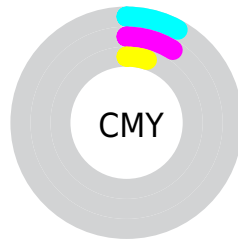
- Red (92%)
- Green (91%)
- Blue (95%)



- Red (92%)
- Yellow (91%)
- Blue (95%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7140, 81.1649, 94.7368 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 78.7140, 81.1649, 94.7368 by changing the saturation by 10% instead.

■ 78.7140, 81.1649,
94.7368

■ 78.7140, 81.1649,
94.7368

479.3911,
498.8500, 564.2848

■ 58.9655, 60.6774,
71.3203

130.5162,
135.0023, 155.8934

■ 42.8316, 43.9649,
52.1202

163.3006,
169.1210, 194.4705

■ 29.9470, 30.6429,
36.7180

201.1611,
208.5522, 238.9382

■ 19.9462, 20.3271,
24.6951

244.4629,
253.6803, 289.7151

■ 12.4640, 12.6330,
15.6331

293.5715,
304.8898, 347.2196

■ 7.1349, 7.1763,
9.1134

348.8521,

■ 3.5937, 3.5726,

362.5650, 411.8704

4.7174

410.6702,
427.0902, 484.0860

■ 1.4750, 1.4375,
2.0266

■ 0.3087, 0.2441,
0.5716

■ 78.7140, 81.1649,
94.7368

■ 78.7140, 81.1649,
94.7368

■ 67.8448, 66.2301,
92.4282

■ 90.8713, 98.0968,
97.3654

■ 58.2435, 53.2694,
90.4326

■ 92.8774, 99.1310,
97.4593

■ 49.8626, 42.2006,
88.7378

■ 42.6489, 32.9320,
87.3290

■ 36.5447, 25.3638,
86.1899

■ 31.4872, 19.3863,
85.3027

■ 27.4063, 14.8762,
84.6472

■ 24.2221, 11.6914,
84.2003

■ 21.8386, 9.6593,
83.9337

Harmonies

Analogous

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



77.4099, 81.1649, 96.2100



78.7140, 81.1649, 94.7368



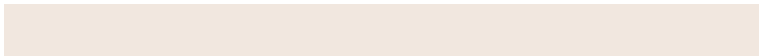
79.6054, 81.1649, 91.5629

Triad

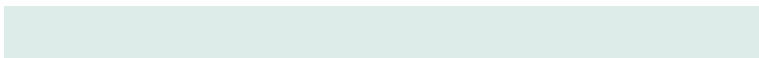
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7140, 81.1649, 94.7368



78.2501, 81.1649, 81.5831



74.5165, 81.1649, 89.1352

Complementary

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



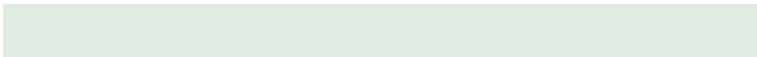
78.7140, 81.1649, 94.7368



80.8073, 86.6869, 88.0787

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.



74.7354, 81.1649, 85.2615



78.7140, 81.1649, 94.7368



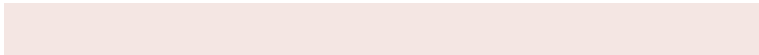
76.8803, 81.1649, 80.9769

Square

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



78.7140, 81.1649, 94.7368



79.3354, 81.1649, 83.9856



75.5966, 81.1649, 82.3042



74.9949, 81.1649, 92.9143

Rectangle

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



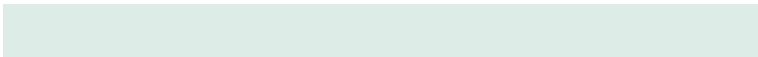
78.7140, 81.1649, 94.7368



79.8399, 81.1649, 88.9515



75.5966, 81.1649, 82.3042



74.5110, 81.1649, 87.8006

Sweetspot

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



78.7163, 81.1684, 94.7386



93.6810, 98.0946, 108.6044



79.1676, 84.0076, 95.2628



20.0660, 21.0164, 23.2489



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.



78.7163, 81.1684, 94.7386



88.3568, 90.7104, 107.4597



80.3342, 82.0024, 94.8143



16.3888, 16.7678, 20.0943



11.3873, 4.8758, 45.4688



1.0566, 0.4620, 3.7877

Inverse Universe

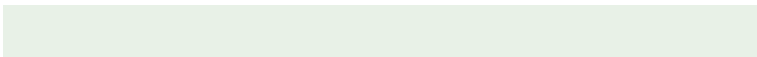
The Inverse Universe completely reimagines the original color for something new.



80.1406, 81.9708, 91.7233



90.3067, 91.8092, 103.3243



79.2149, 85.8659, 88.0042



16.8015, 17.0004, 19.2179



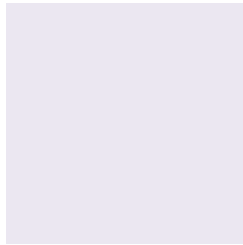
22.4973, 11.2713, 15.8010



1.9205, 0.9573, 1.5724

Previews

White Background



This preview shows how the XYZ color 78.7140, 81.1649, 94.7368 looks on a white background.

Color Contrast Check

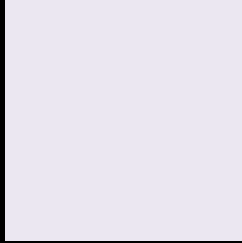
Large Text (above 18pt) WCAG AA × Fail

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 78.7140, 81.1649, 94.7368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

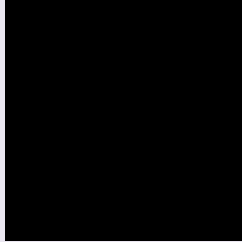
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

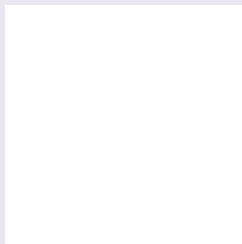
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7140, 81.1649, 94.7368

Background



This preview shows how black text looks on a background with the XYZ color 78.7140, 81.1649, 94.7368.



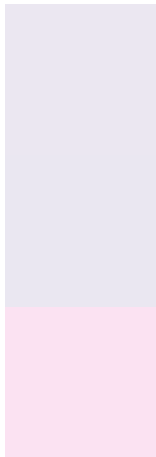
This preview shows how white text looks on a background with the XYZ color 78.7140, 81.1649,

94.7368.

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

78.7140, 81.1649, 94.7368

Protanopia

78.3848, 80.9951, 94.7214

Deuteranopia

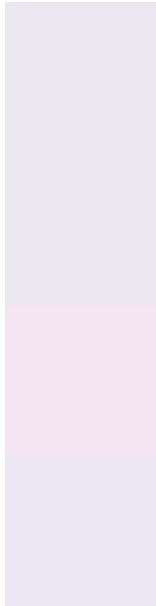
83.0070, 81.3127, 95.3244



Tritanopia

79.8322, 81.2038, 100.2732

Trichromacy



Original Color

78.7140, 81.1649, 94.7368

Protanomaly

78.3848, 80.9951, 94.7214

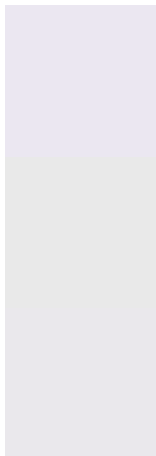
Deuteranomaly

81.4266, 81.3101, 95.4072

Tritanomaly

79.3703, 81.0191, 97.8412

Monochromacy



Original Color

78.7140, 81.1649, 94.7368

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9286, 81.2618, 90.9347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7140, 81.1649, 94.7368 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(235, 231, 241) looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 241)  
}
```

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(235, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.7140, 81.1649, 94.7368 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(235, 231, 241) }
```


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

```
.border{ border-color:rgb(235, 231, 241) }
```

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

Here you see how a box with a 4 pixel rgb(235, 231, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 231,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7140, 81.1649, 94.7368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 241) }
```

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

```
.background{ background-color: rgb(235,  
231, 241) }
```

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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