

Converting Colors

XYZ(78.7381, 81.6984, 93.8881)

Have a look what the booklet for
XYZ(78.7381, 81.6984, 93.8881)
contains.

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Color

**XYZ(78.8457, 81.6667,
94.0457)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE8F0
RGB	235, 232, 240
RGB Percent	92%, 91%, 94%
CMY	0.0784, 0.0902, 0.0588
CMYK	0.02, 0.03, 0.00, 0.06
HSL	262°, 21%, 93%
HSV	262°, 3%, 94%
XYZ	78.8457, 81.6667, 94.0457
YIQ	233.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

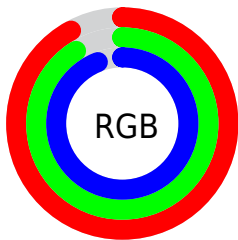
Format	Color
R _Y B	235, 232, 240
Decimal	15460592
CIE Lab	92.43, 2.44, -3.52
CIE LCh	92, 4.289, 304.736
Yxy	81.6667, 0.3097, 0.3208
Android (android.graphics.Color)	4293650672 (0xFFE8E8F0)
YUV	233.8090, 3.0522, 1.0445
Hunter-Lab	90.3696, -2.4092, 1.5569

Details

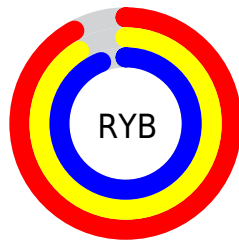
The XYZ color **78.8457, 81.6667, 94.0457** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6538, 86.1531, 88.7265**, and the grayscale version is **78.0424, 82.1067, 89.4142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7675, 44.0951, 51.6045** is the 20% darker color. If you saturate the color by 10%, you get **67.7988, 66.6204, 91.7249**, and if you desaturate by 10%, it is **90.9162, 98.1371, 96.5899**.

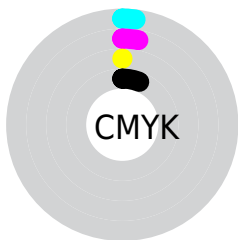
Distribution



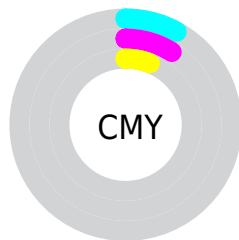
- Red (92%)
- Green (91%)
- Blue (94%)



- Red (92%)
- Yellow (91%)
- Blue (94%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8457, 81.6667, 94.0457 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 78.8457, 81.6667, 94.0457 by changing the saturation by 10% instead.

■ 78.8457, 81.6667,
94.0457

■ 78.8457, 81.6667,
94.0457

479.8302,
500.5321, 562.0115

■ 59.0741, 61.0908,
70.7485

130.7007,
135.7065, 154.9298

■ 42.9194, 44.2985,
51.6564

163.5148,
169.9392, 193.3537

■ 30.0161, 30.9052,
36.3509

201.4072,
209.4930, 237.6569

■ 19.9990, 20.5267,
24.4135

244.7432,
254.7523, 288.2579

■ 12.5026, 12.7785,
15.4256

293.8881,
306.1015, 345.5754

■ 7.1615, 7.2762,
8.9687

349.2074,

■ 3.6106, 3.6354,

363.9249, 410.0278

4.6242

411.0663,
428.6070, 482.0336

■ 1.4843, 1.4718,
1.9737

■ 0.3151, 0.2687,
0.5390

■ 78.8457, 81.6667,
94.0457

■ 78.8457, 81.6667,
94.0457

■ 67.7988, 66.6204,
91.7249

■ 90.9162, 98.1371,
96.5899

■ 58.0427, 53.5516,
89.7166

■ 92.7284, 99.0714,
96.6747

■ 49.5295, 42.3789,
88.0088

■ 42.2054, 33.0114,
86.5867

■ 36.0124, 25.3503,
85.4343

■ 30.8872, 19.2870,
84.5341

■ 26.7594, 14.7001,
83.8663

■ 23.5491, 11.4497,
83.4081

■ 21.1613, 9.3673,
83.1320

Harmonies

Analogous

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



77.7983, 81.6667, 95.1605



78.8457, 81.6667, 94.0457



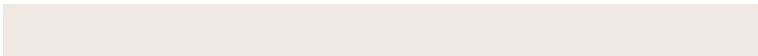
79.5703, 81.6667, 91.5587

Triad

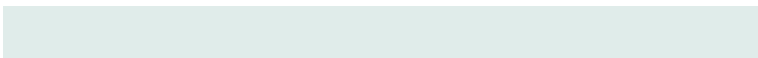
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8457, 81.6667, 94.0457



78.5373, 81.6667, 83.5007



75.5116, 81.6667, 89.4274

Complementary

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



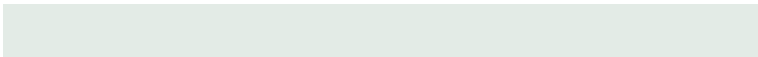
78.8457, 81.6667, 94.0457



80.6538, 86.1531, 88.7265

Split Complementary

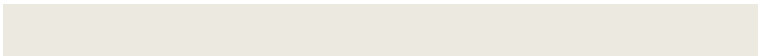
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7053, 81.6667, 86.3348



78.8457, 81.6667, 94.0457



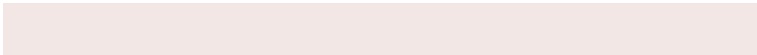
77.4454, 81.6667, 82.9606

Square

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



78.8457, 81.6667, 94.0457



79.3911, 81.6667, 85.4795



76.4105, 81.6667, 83.9862



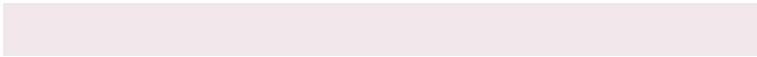
75.8789, 81.6667, 92.4540

Rectangle

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



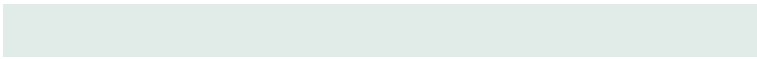
78.8457, 81.6667, 94.0457



79.7691, 81.6667, 89.4838



76.4105, 81.6667, 83.9862



75.5133, 81.6667, 88.3609

Sweetspot

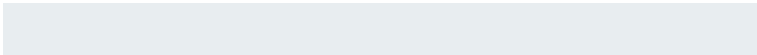
The Sweet Spot groups the original color and five complimentary colors.



78.8480, 81.6702, 94.0475



93.6577, 98.0826, 108.6033



79.3133, 84.0569, 94.4836



20.0613, 21.0139, 23.2487



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.



78.8480, 81.6702, 94.0475



89.5741, 92.4741, 107.7360



80.1614, 82.3473, 94.1089



16.5984, 17.0750, 20.1426



11.0491, 4.7014, 45.4530



1.0259, 0.4461, 3.7863

Inverse Universe

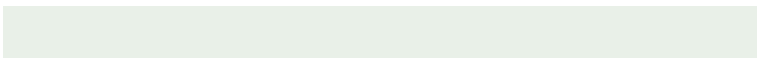
The Inverse Universe completely reimagines the original color for something new.



80.0808, 82.3567, 91.8009



91.2727, 93.4202, 104.6356



79.3546, 85.4833, 88.6657



16.9728, 17.2835, 19.4582



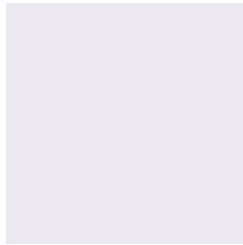
22.7552, 11.3745, 17.1591



1.9411, 0.9655, 1.6805

Previews

White Background



This preview shows how the XYZ color 78.8457, 81.6667, 94.0457 looks on a white background.

Color Contrast Check

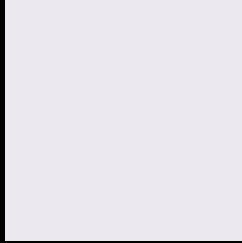
Large Text (above 18pt) WCAG AA × Fail

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 78.8457, 81.6667, 94.0457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

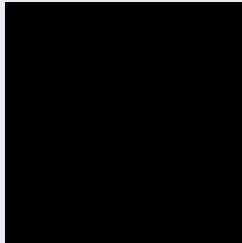
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

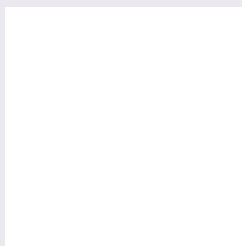
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8457, 81.6667, 94.0457

Background



This preview shows how black text looks on a background with the XYZ color 78.8457, 81.6667, 94.0457.



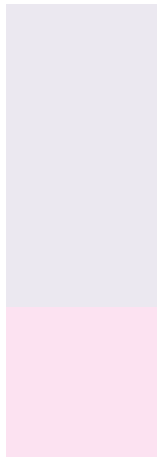
This preview shows how white text looks on a background with the XYZ color 78.8457, 81.6667,

94.0457.

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

78.8457, 81.6667, 94.0457

Protanopia

78.8457, 81.6667, 94.0457

Deuteranopia

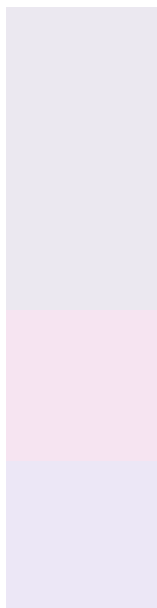
83.2184, 81.4390, 94.5523



Tritanopia

80.2669, 81.8242, 101.1857

Trichromacy



Original Color

78.8457, 81.6667, 94.0457

Protanomaly

78.8457, 81.6667, 94.0457

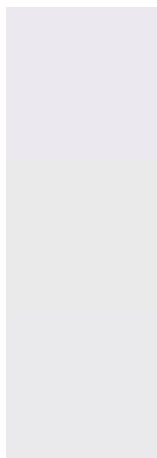
Deuteranomaly

81.6266, 81.4305, 94.6346

Tritanomaly

79.8025, 81.6385, 98.7405

Monochromacy



Original Color

78.8457, 81.6667, 94.0457

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2109, 81.8264, 91.0288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8457, 81.6667, 94.0457 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, 232, 240) looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 240)  
}
```

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, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.8457, 81.6667, 94.0457 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, 232, 240) }
```


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

```
.border{ border-color:rgb(235, 232, 240) }
```

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

Here you see how a box with a 4 pixel rgb(235, 232, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8457, 81.6667, 94.0457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 240) }
```

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

```
.background{ background-color: rgb(235,  
232, 240) }
```

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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