

Converting Colors

XYZ(79.0591, 82.9670,
100.5119)

Have a look what the booklet for
XYZ(79.0591, 82.9670, 100.5119)
contains.

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Color

**XYZ(78.9647, 82.8520,
100.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EBF8
RGB	229, 235, 248
RGB Percent	90%, 92%, 97%
CMY	0.1020, 0.0784, 0.0274
CMYK	0.08, 0.05, 0.00, 0.03
HSL	221°, 58%, 94%
HSV	221°, 8%, 97%
XYZ	78.9647, 82.8520, 100.6371
YIQ	234.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

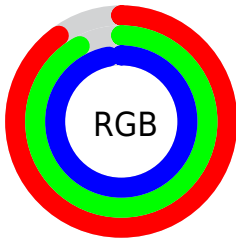
Format	Color
R _Y B	229, 234, 248
Decimal	15068152
CIE Lab	92.95, 0.43, -6.97
CIE LCh	93, 6.987, 273.526
Yxy	82.8520, 0.3009, 0.3157
Android (android.graphics.Color)	4293258232 (0xFFE5EBF8)
YUV	234.6880, 6.5628, -4.9884
Hunter-Lab	91.0231, -4.4373, -1.8362

Details

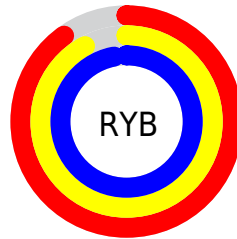
The XYZ color **78.9647, 82.8520, 100.6371** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.6066, 89.1171, 86.8722**, and the grayscale version is **78.6864, 82.7842, 90.1520**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0901, 45.0446, 56.2926** is the 20% darker color. If you saturate the color by 10%, you get **66.9829, 69.8077, 98.7521**, and if you desaturate by 10%, it is **92.5449, 97.4124, 102.7331**.

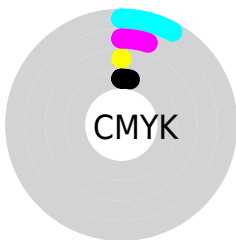
Distribution



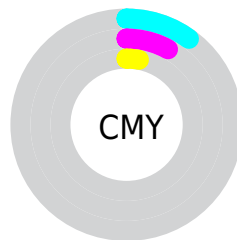
- Red (90%)
- Green (92%)
- Blue (97%)



- Red (90%)
- Yellow (92%)
- Blue (97%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9647, 82.8520, 100.6371 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 78.9647, 82.8520, 100.6371 by changing the saturation by 10% instead.

■ 78.9647, 82.8520,
100.6371

■ 78.9647, 82.8520,
100.6371

480.2268,
504.4931, 583.4975

■ 59.1723, 62.0681,
76.2129

130.8674,
137.3682, 164.0919

■ 42.9988, 45.0877,
56.0994

163.7083,
171.8692, 203.9596

■ 30.0787, 31.5265,
39.8781

201.6296,
211.7113, 249.8122

■ 20.0467, 21.0001,
27.1304

244.9964,
257.2790, 302.0682

■ 12.5374, 13.1241,
17.4379

294.1742,
308.9567, 361.1462

■ 7.1856, 7.5140,
10.3819

349.5282,

■ 3.6258, 3.7856,

367.1286, 427.4647

5.5440

411.4240,
432.1793, 501.4423

■ 1.4927, 1.5544,
2.5056

■ 0.3209, 0.3265,
0.8431

■ 78.9647, 82.8520,
100.6371

■ 78.9647, 82.8520,
100.6371

■ 66.9829, 69.8077,
98.7521

■ 92.5449, 97.4124,
102.7331

■ 56.5317, 58.2186,
97.0660

■ 93.9435, 99.5574,
103.0734

■ 47.5489, 48.0349,
95.5738

■ 39.9652, 39.2000,
94.2682

■ 33.7055, 31.6529,
93.1414

■ 28.6868, 25.3277,
92.1850

■ 24.8164, 20.1515,
91.3899

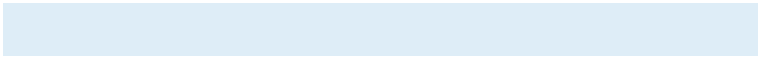
■ 21.9865, 16.0422,
90.7459

■ 20.0584, 12.8995,
90.2409

Harmonies

Analogous

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



77.1917, 82.8520, 99.5262



78.9647, 82.8520, 100.6371



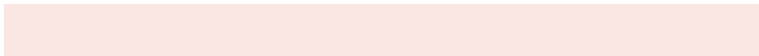
80.7057, 82.8520, 98.8667

Triad

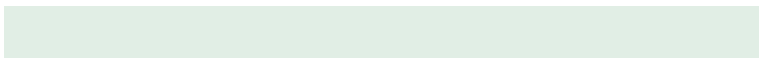
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9647, 82.8520, 100.6371



81.7151, 82.8520, 84.7652



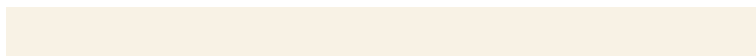
75.6436, 82.8520, 85.7980

Complementary

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



78.9647, 82.8520, 100.6371



84.6066, 89.1171, 86.8722

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.



76.8229, 82.8520, 82.0772



78.9647, 82.8520, 100.6371



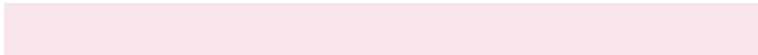
80.3257, 82.8520, 81.4973

Square

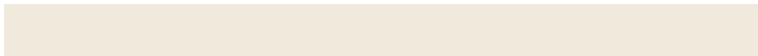
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9647, 82.8520, 100.6371



82.3091, 82.8520, 89.5941



78.5324, 82.8520, 80.5325



75.2918, 82.8520, 90.8322

Rectangle

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



78.9647, 82.8520, 100.6371



81.6088, 82.8520, 96.3293



78.5324, 82.8520, 80.5325



75.9555, 82.8520, 84.3588

Sweetspot

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



78.9671, 82.8555, 100.6389



92.0957, 96.8399, 108.4457



81.9064, 90.2040, 97.0868



19.7432, 20.7609, 23.2166



0.0000, 0.0000, 0.0000



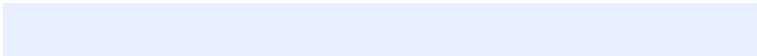
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9671, 82.8555, 100.6389



82.2999, 86.2940, 106.9265



78.3998, 80.0542, 100.1281



16.7306, 17.5380, 21.8887



10.7491, 6.8537, 48.7299



1.0863, 0.8163, 4.5435

Inverse Universe

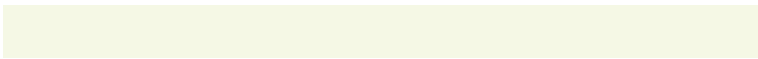
The Inverse Universe completely reimagines the original color for something new.



81.7280, 81.9949, 90.1204



85.7353, 85.2512, 93.8317



85.1994, 92.1190, 87.4204



17.4705, 17.3156, 19.0677



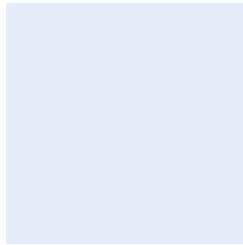
21.7177, 11.1028, 5.2216



2.0573, 1.0466, 0.7249

Previews

White Background



This preview shows how the XYZ color 78.9647, 82.8520, 100.6371 looks on a white background.

Color Contrast Check

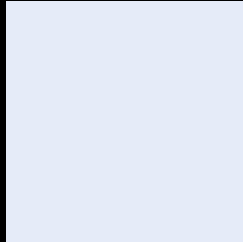
Large Text (above 18pt) WCAG AA × Fail

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 78.9647, 82.8520, 100.6371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

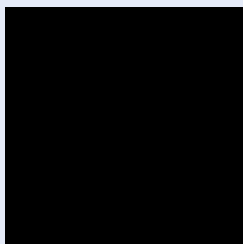
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

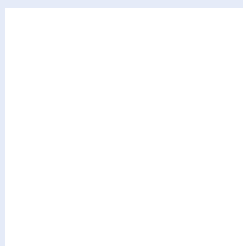
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9647, 82.8520, 100.6371

Background



This preview shows how black text looks on a background with the XYZ color 78.9647, 82.8520, 100.6371.



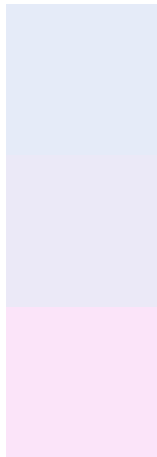
This preview shows how white text looks on a background with the XYZ color 78.9647, 82.8520,

100.6371.

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

78.9647, 82.8520, 100.6371

Protanopia

80.1884, 82.6554, 99.7234

Deuteranopia

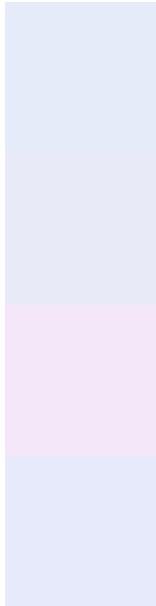
84.6259, 82.8356, 101.1511



Tritanopia

79.7856, 82.7605, 104.6977

Trichromacy



Original Color

78.9647, 82.8520, 100.6371

Protanomaly

79.8156, 82.8847, 99.7873

Deuteranomaly

82.6369, 83.0461, 101.2966

Tritanomaly

79.4685, 82.6337, 103.0282

Monochromacy



Original Color

78.9647, 82.8520, 100.6371

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0408, 83.0316, 94.2989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9647, 82.8520, 100.6371 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(229, 235, 248)` looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 248)  
}
```

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(229, 235, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 248) }
```

Border

The CSS property to change the border of an element to XYZ 78.9647, 82.8520, 100.6371 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(229, 235, 248) }
```


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

```
.border{ border-color:rgb(229, 235, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 235, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 248);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9647, 82.8520, 100.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 235, 248) }
```

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

```
.background{ background-color: rgb(229,  
235, 248) }
```

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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