

Converting Colors

XYZ(79.1145, 82.5434,
103.2229)

Have a look what the booklet for
XYZ(79.1145, 82.5434, 103.2229)
contains.

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Color

**XYZ(79.1485, 82.4687,
103.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EAFB
RGB	229, 234, 251
RGB Percent	90%, 92%, 98%
CMY	0.1020, 0.0823, 0.0157
CMYK	0.09, 0.07, 0.00, 0.02
HSL	226°, 73%, 94%
HSV	226°, 9%, 98%
XYZ	79.1485, 82.4687, 103.0133
YIQ	234.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

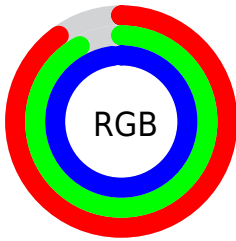
Format	Color
R_{YB}	229, 233, 251
Decimal	15067899
CIE _{Lab}	92.78, 1.52, -8.79
CIE _{LCh}	93, 8.916, 279.812
Y _{xy}	82.4687, 0.2991, 0.3116
Android (android.graphics.Color)	4293257979 (0xFFE5EAFB)
YUV	234.4430, 8.1626, -4.7735
Hunter-Lab	90.8123, -3.3477, -3.6873

Details

The XYZ color **79.1485, 82.4687, 103.0133** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8826, 92.0772, 87.3237**, and the grayscale version is **78.4891, 82.5766, 89.9259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8916, 44.6201, 57.3908** is the 20% darker color. If you saturate the color by 10%, you get **66.4900, 68.1930, 100.9263**, and if you desaturate by 10%, it is **93.5740, 98.5567, 105.3596**.

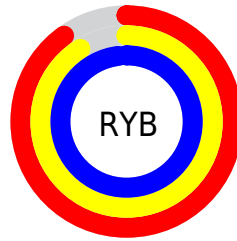
Distribution



Red (90%)

Green (92%)

Blue (98%)



Red (90%)

Yellow (91%)

Blue (98%)

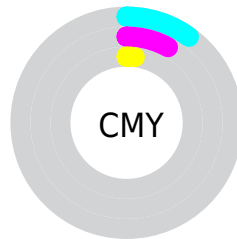


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1485, 82.4687, 103.0133 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 79.1485, 82.4687, 103.0133 by changing the saturation by 10% instead.

■ 79.1485, 82.4687,
103.0133

■ 79.1485, 82.4687,
103.0133

480.8389,
503.2141, 591.1400

■ 59.3240, 61.7519,
78.1886

131.1247,
136.8311, 167.3799

■ 43.1213, 44.8323,
57.7115

164.0071,
171.2455, 207.7589

■ 30.1753, 31.3254,
41.1636

201.9729,
210.9946, 254.1597

■ 20.1204, 20.8467,
28.1263

245.3873,
256.4628, 307.0008

■ 12.5914, 13.0120,
18.1810

294.6157,
308.0344, 366.7009

■ 7.2228, 7.4368,
10.9092

350.0236,

■ 3.6494, 3.7368,

366.0939, 433.6784

5.8924

411.9762,
431.0257, 508.3519

■ 1.5058, 1.5274,
2.7121

■ 0.3298, 0.3079,
0.9495

■ 79.1485, 82.4687,
103.0133

■ 79.1485, 82.4687,
103.0133

■ 66.4900, 68.1930,
100.9263

■ 93.5740, 98.5567,
105.3596

■ 55.5224, 55.6551,
99.0843

■ 94.4128, 99.7451,
105.5447

■ 46.1746, 44.7902,
97.4798

■ 38.3679, 35.5256,
96.1030

■ 32.0164, 27.7832,
94.9434

■ 27.0257, 21.4778,
93.9893

■ 23.2893, 16.5151,
93.2283

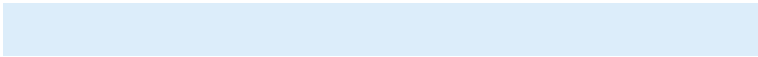
■ 20.6840, 12.7884,
92.6464

■ 19.0404, 10.1627,
92.2262

Harmonies

Analogous

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



76.8510, 82.4687, 102.3578



79.1485, 82.4687, 103.0133



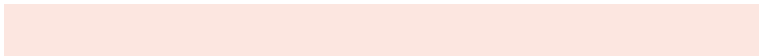
81.2820, 82.4687, 99.9948

Triad

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



79.1485, 82.4687, 103.0133



81.8692, 82.4687, 81.8422



74.2617, 82.4687, 85.4471

Complementary

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



79.1485, 82.4687, 103.0133



86.8826, 92.0772, 87.3237

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.



75.5558, 82.4687, 80.3124



79.1485, 82.4687, 103.0133



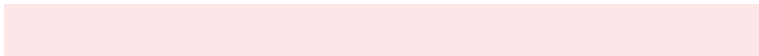
79.9373, 82.4687, 78.3035

Square

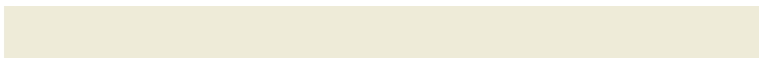
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1485, 82.4687, 103.0133



82.8731, 82.4687, 87.6297



77.6245, 82.4687, 77.7577



74.0600, 82.4687, 91.9944

Rectangle

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



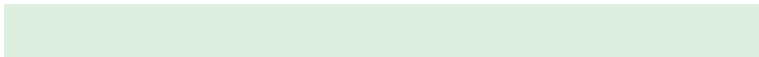
79.1485, 82.4687, 103.0133



82.3129, 82.4687, 96.3889



77.6245, 82.4687, 77.7577



74.5822, 82.4687, 83.5078

Sweetspot

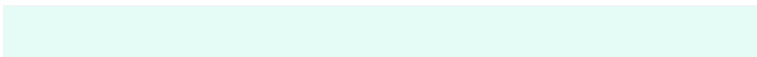
The Sweet Spot groups the original color and five complimentary colors.



79.1509, 82.4722, 103.0151



90.4348, 94.8648, 108.1520



83.4258, 92.2994, 100.5014



19.0989, 20.0174, 23.1071



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.



79.1509, 82.4722, 103.0151



78.9451, 82.0073, 106.2759



79.6503, 80.6447, 102.6361



16.6032, 17.2833, 21.8462



10.0136, 5.3828, 48.4848



1.0037, 0.6510, 4.5159

Inverse Universe

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



82.6561, 82.4901, 89.4117



83.4505, 82.0729, 88.7811



86.3441, 94.0894, 87.7404



17.4063, 17.2899, 18.7292



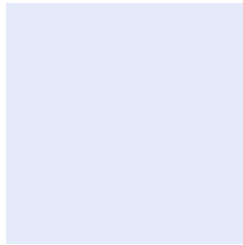
21.3464, 10.9543, 3.2668



2.0155, 1.0299, 0.5052

Previews

White Background



This preview shows how the XYZ color 79.1485, 82.4687, 103.0133 looks on a white background.

Color Contrast Check

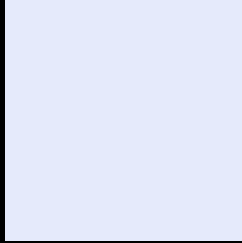
Large Text (above 18pt) WCAG AA × Fail

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 79.1485, 82.4687, 103.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

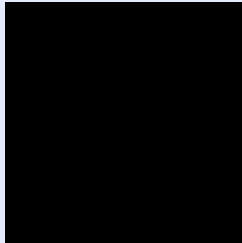
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1485, 82.4687, 103.0133

Background



This preview shows how black text looks on a background with the XYZ color 79.1485, 82.4687, 103.0133.



This preview shows how white text looks on a background with the XYZ color 79.1485, 82.4687,

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

79.1485, 82.4687, 103.0133

Protanopia

80.3259, 82.6724, 102.1662

Deuteranopia

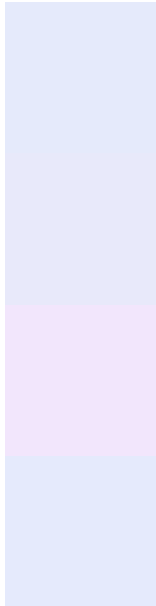
84.1067, 82.1062, 103.5106



Tritanopia

79.3066, 82.5319, 103.8458

Trichromacy



Original Color

79.1485, 82.4687, 103.0133

Protanomaly

79.6729, 82.3358, 102.1357

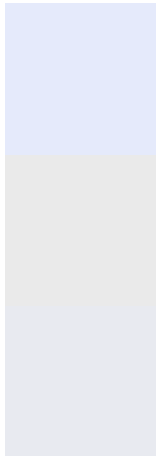
Deuteranomaly

82.4855, 82.4991, 103.6719

Tritanomaly

79.3066, 82.5319, 103.8458

Monochromacy



Original Color

79.1485, 82.4687, 103.0133

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4297, 82.2927, 94.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1485, 82.4687, 103.0133 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, 234, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 234, 251)  
}
```

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, 234, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 234, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.1485, 82.4687, 103.0133 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, 234, 251) }
```


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

```
.border{ border-color:rgb(229, 234, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 234, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 234,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1485, 82.4687, 103.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 234, 251) }
```

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

```
.background{ background-color: rgb(229,  
234, 251) }
```

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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