

Converting Colors

XYZ(79.6781, 84.2103,
102.4519)

Have a look what the booklet for
XYZ(79.6781, 84.2103, 102.4519)
contains.

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Color

**XYZ(79.5344, 83.9645,
102.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EDFA
RGB	228, 237, 250
RGB Percent	89%, 93%, 98%
CMY	0.1059, 0.0706, 0.0196
CMYK	0.09, 0.05, 0.00, 0.02
HSL	215°, 69%, 94%
HSV	215°, 9%, 98%
XYZ	79.5344, 83.9645, 102.4573
YIQ	235.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

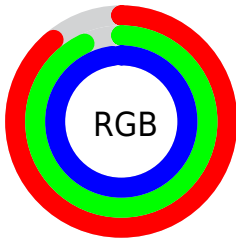
Format	Color
R _Y B	228, 234, 250
Decimal	15003130
CIE Lab	93.44, -0.54, -7.30
CIE LCh	93, 7.324, 265.809
Yxy	83.9645, 0.2991, 0.3157
Android (android.graphics.Color)	4293193210 (0xFFE4EDFA)
YUV	235.7910, 7.0050, -6.8327
Hunter-Lab	91.6321, -5.4227, -2.1518

Details

The XYZ color **79.5344, 83.9645, 102.4573** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8835, 88.8353, 86.0733**, and the grayscale version is **79.5244, 83.6659, 91.1121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4951, 45.8270, 57.5920** is the 20% darker color. If you saturate the color by 10%, you get **68.0689, 71.9674, 100.7472**, and if you desaturate by 10%, it is **92.5039, 97.2643, 104.3422**.

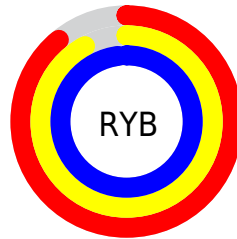
Distribution



Red (89%)

Green (93%)

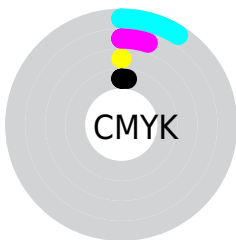
Blue (98%)



Red (89%)

Yellow (92%)

Blue (98%)

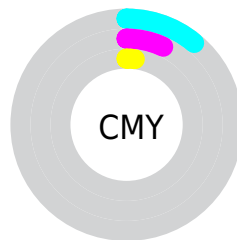


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5344, 83.9645, 102.4573 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 79.5344, 83.9645, 102.4573 by changing the saturation by 10% instead.

■ 79.5344, 83.9645,
102.4573

■ 79.5344, 83.9645,
102.4573

482.1228,
508.1953, 589.3564

■ 59.6424, 62.9861,
77.7260

131.6649,
138.9255, 166.6112

■ 43.3788, 45.8300,
57.3338

164.6341,
173.6769, 206.8710

■ 30.3783, 32.1117,
40.8622

202.6932,
213.7882, 253.1440

■ 20.2754, 21.4468,
27.8925

246.2074,
259.6436, 305.8487

■ 12.7048, 13.4510,
18.0063

295.5421,
311.6277, 365.4038

■ 7.3012, 7.7398,
10.7850

351.0626,

■ 3.6992, 3.9289,

370.1247, 432.2278

5.8101

413.1344,
435.5191, 506.7391

■ 1.5334, 1.6339,
2.6631

■ 0.3484, 0.3803,
0.9247

■ 79.5344, 83.9645,
102.4573

■ 79.5344, 83.9645,
102.4573

■ 68.0689, 71.9674,
100.7472

■ 92.5039, 97.2643,
104.3422

■ 58.0424, 61.2202,
99.2013

■ 94.2556, 99.6822,
104.7165

■ 49.3963, 51.6818,
97.8159

■ 42.0644, 43.3047,
96.5854

■ 35.9752, 36.0378,
95.5036

■ 31.0492, 29.8253,
94.5641

■ 27.1971, 24.6057,
93.7597

■ 24.3141, 20.3085,
93.0822

■ 22.2522, 16.8398,
92.5213

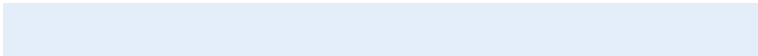
Harmonies

Analogous

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



77.7349, 83.9645, 100.5152



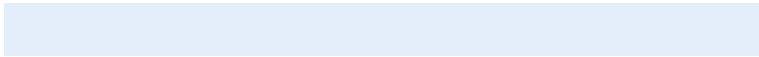
79.5344, 83.9645, 102.4573



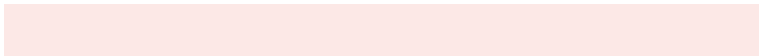
81.4352, 83.9645, 101.3462

Triad

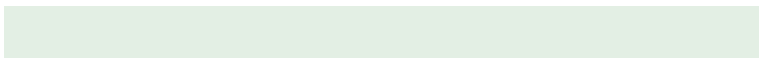
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5344, 83.9645, 102.4573



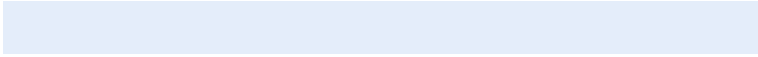
83.1993, 83.9645, 86.8658



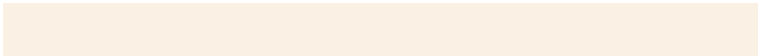
76.7701, 83.9645, 85.5699

Complementary

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



79.5344, 83.9645, 102.4573



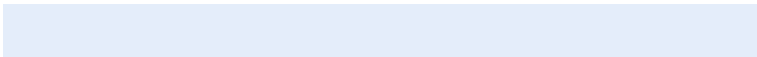
84.8835, 88.8353, 86.0733

Split Complementary

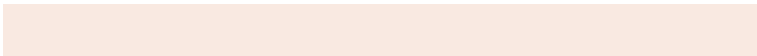
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1982, 83.9645, 82.1698



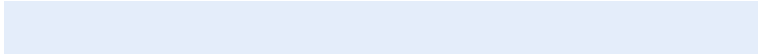
79.5344, 83.9645, 102.4573



81.9130, 83.9645, 82.8964

Square

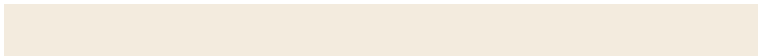
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5344, 83.9645, 102.4573



83.5709, 83.9645, 92.2033



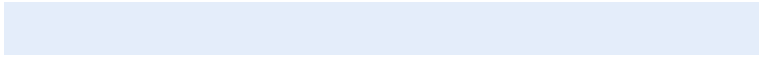
80.0777, 83.9645, 81.2109



76.1554, 83.9645, 90.6473

Rectangle

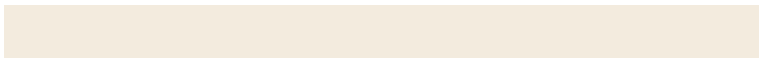
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5344, 83.9645, 102.4573



82.5010, 83.9645, 99.0467



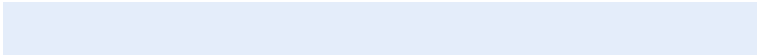
80.0777, 83.9645, 81.2109



77.1698, 83.9645, 84.2010

Sweetspot

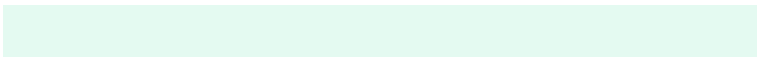
The Sweet Spot groups the original color and five complimentary colors.



79.5368, 83.9680, 102.4592



90.8665, 95.7283, 108.2960



82.0342, 91.2075, 96.3711



19.2151, 20.2499, 23.1458



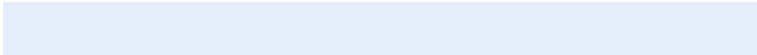
0.0000, 0.0000, 0.0000



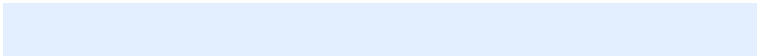
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5368, 83.9680, 102.4592



80.4126, 84.9423, 106.7651



77.5798, 79.1859, 101.6393



16.8664, 17.8096, 21.9339



11.8225, 9.0006, 49.0877



1.1963, 1.0363, 4.5802

Inverse Universe

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



82.4557, 81.9269, 91.5925



84.1912, 82.3692, 92.6817



86.9610, 93.9609, 86.9532



17.5391, 17.3430, 19.4286



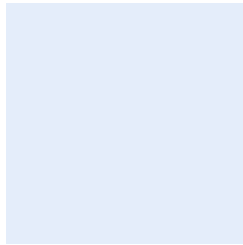
22.2595, 11.3195, 8.0749



2.1128, 1.0688, 1.0173

Previews

White Background



This preview shows how the XYZ color 79.5344, 83.9645, 102.4573 looks on a white background.

Color Contrast Check

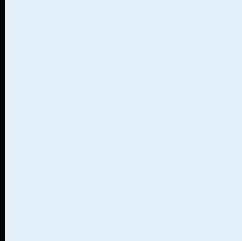
Large Text (above 18pt) WCAG AA × Fail

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 79.5344, 83.9645, 102.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

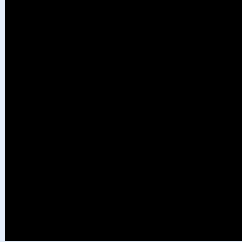
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

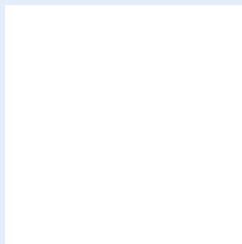
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5344, 83.9645, 102.4573

Background



This preview shows how black text looks on a background with the XYZ color 79.5344, 83.9645, 102.4573.



This preview shows how white text looks on a background with the XYZ color 79.5344, 83.9645,

102.4573.

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

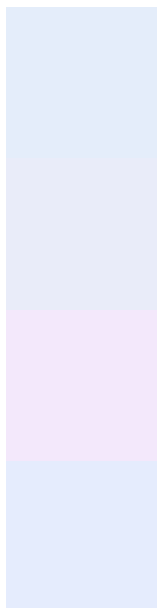




Tritanopia

80.3586, 83.8689, 106.5607

Trichromacy



Original Color

79.5344, 83.9645, 102.4573

Protanomaly

80.6986, 84.1541, 101.6126

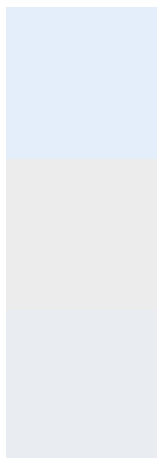
Deuteranomaly

83.2313, 83.7329, 103.0421

Tritanomaly

80.0382, 83.7408, 104.8736

Monochromacy



Original Color

79.5344, 83.9645, 102.4573

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.4769, 83.6654, 95.1792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5344, 83.9645, 102.4573 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(228, 237, 250)` looks like.

```
.text, #text, p{  
    color:rgb(228, 237, 250)  
}
```

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(228, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 237, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.5344, 83.9645, 102.4573 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(228, 237, 250) }
```


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

```
.border{ border-color:rgb(228, 237, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 237, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(228, 237,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5344, 83.9645, 102.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 237, 250) }
```

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

```
.background{ background-color: rgb(228,  
237, 250) }
```

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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