

Converting Colors

XYZ(78.7547, 82.9424,
102.0386)

Have a look what the booklet for
XYZ(78.7547, 82.9424, 102.0386)
contains.

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Color

**XYZ(78.9293, 83.2239,
102.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ECFA
RGB	227, 236, 250
RGB Percent	89%, 93%, 98%
CMY	0.1098, 0.0745, 0.0196
CMYK	0.09, 0.06, 0.00, 0.02
HSL	217°, 70%, 94%
HSV	217°, 9%, 98%
XYZ	78.9293, 83.2239, 102.3463
YIQ	234.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

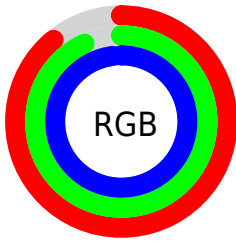
Format	Color
R_{YB}	227, 233, 250
Decimal	14937338
CIE Lab	93.11, -0.34, -7.79
CIE LCh	93, 7.798, 267.485
Yxy	83.2239, 0.2984, 0.3146
Android (android.graphics.Color)	4293127418 (0xFFE3ECFA)
YUV	234.9050, 7.4418, -6.9327
Hunter-Lab	91.2271, -5.2101, -2.6575

Details

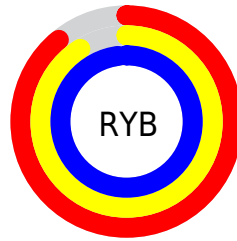
The XYZ color **78.9293, 83.2239, 102.3463** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7451, 88.7800, 85.3442**, and the grayscale version is **78.8459, 82.9521, 90.3348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0721, 45.3082, 57.5142** is the 20% darker color. If you saturate the color by 10%, you get **67.4146, 71.0619, 100.6070**, and if you desaturate by 10%, it is **91.9669, 96.7294, 104.2673**.

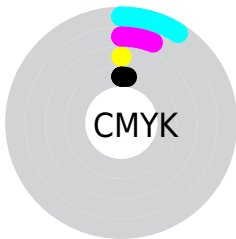
Distribution



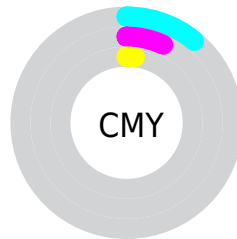
- Red (89%)
- Green (93%)
- Blue (98%)



- Red (89%)
- Yellow (91%)
- Blue (98%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9293, 83.2239, 102.3463 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 78.9293, 83.2239, 102.3463 by changing the saturation by 10% instead.

■ 78.9293, 83.2239,
102.3463

■ 78.9293, 83.2239,
102.3463

480.1088,
505.7324, 589.0000

■ 59.1431, 62.3749,
77.6337

130.8178,
137.8890, 166.4577

■ 42.9751, 45.3357,
57.2585

163.6508,
172.4739, 206.6937

■ 30.0601, 31.7219,
40.8020

201.5634,
212.4062, 252.9411

■ 20.0325, 21.1492,
27.8459

244.9211,
258.0702, 305.6186

■ 12.5271, 13.2331,
17.9715

294.0891,
309.8505, 365.1447

■ 7.1784, 7.5892,
10.7603

349.4328,

■ 3.6213, 3.8333,

368.1314, 431.9379

5.7938

411.3176,
433.2972, 506.4169

■ 1.4902, 1.5807,
2.6533

■ 0.3191, 0.3446,
0.9198

■ 78.9293, 83.2239,
102.3463

■ 78.9293, 83.2239,
102.3463

■ 67.4146, 71.0619,
100.6070

■ 91.9669, 96.7294,
104.2673

■ 57.3572, 60.1891,
99.0384

■ 94.2556, 99.6822,
104.7166

■ 48.6972, 50.5626,
97.6367

■ 41.3674, 42.1329,
96.3960

■ 35.2950, 34.8467,
95.3096

■ 30.3993, 28.6463,
94.3709

■ 26.5893, 23.4673,
93.5720

■ 23.7583, 19.2366,
92.9046

■ 21.7502, 15.8543,
92.3576

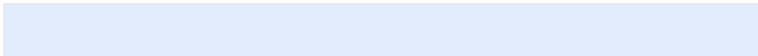
Harmonies

Analogous

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



77.0058, 83.2239, 100.4543



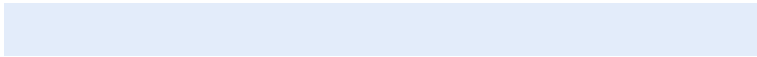
78.9293, 83.2239, 102.3463



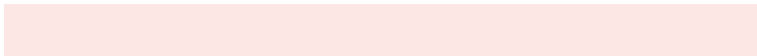
80.9316, 83.2239, 100.9849

Triad

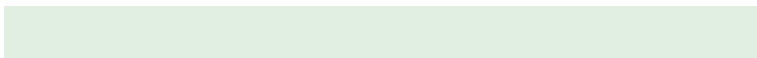
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9293, 83.2239, 102.3463



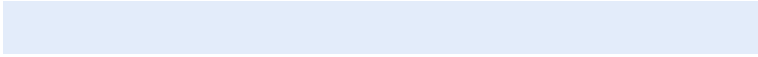
82.6438, 83.2239, 85.5152



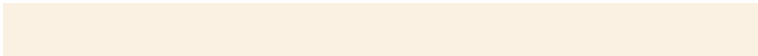
75.8303, 83.2239, 84.6939

Complementary

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



78.9293, 83.2239, 102.3463



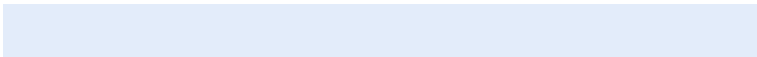
84.7451, 88.7800, 85.3442

Split Complementary

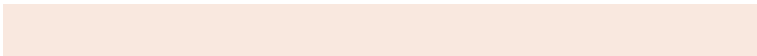
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2999, 83.2239, 80.9836



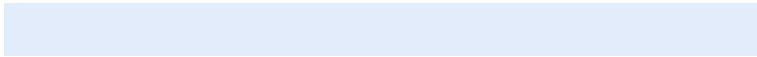
78.9293, 83.2239, 102.3463



81.2356, 83.2239, 81.4432

Square

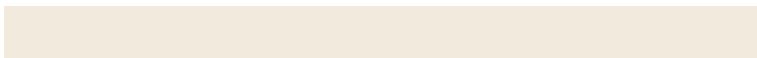
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9293, 83.2239, 102.3463



83.0979, 83.2239, 91.1120



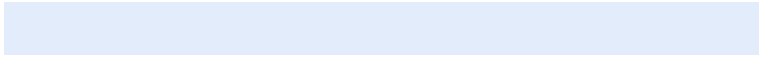
79.2746, 83.2239, 79.8193



75.2359, 83.2239, 90.1231

Rectangle

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



78.9293, 83.2239, 102.3463



82.0375, 83.2239, 98.4466



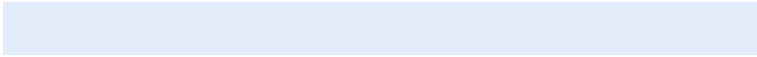
79.2746, 83.2239, 79.8193



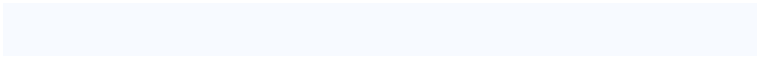
76.2371, 83.2239, 83.2133

Sweetspot

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



78.9317, 83.2274, 102.3481



90.8241, 95.6434, 108.2818



81.7129, 91.0425, 96.3301



19.2037, 20.2271, 23.1420



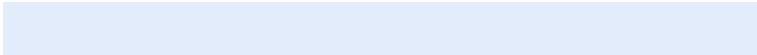
0.0000, 0.0000, 0.0000



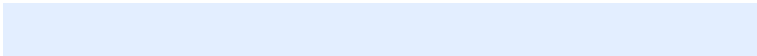
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9317, 83.2274, 102.3481



80.2670, 84.6513, 106.7165



77.1347, 78.5492, 101.5399



16.8403, 17.7575, 21.9252



11.5927, 8.5410, 49.0111



1.1735, 0.9906, 4.5725

Inverse Universe

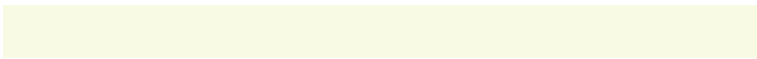
The Inverse Universe completely reimagines the original color for something new.



82.0356, 81.3200, 90.7335



84.1178, 82.3398, 92.2949



86.6572, 93.8203, 86.2163



17.5259, 17.3377, 19.3593



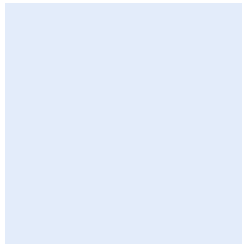
22.1435, 11.2731, 7.4640



2.1012, 1.0642, 0.9565

Previews

White Background



This preview shows how the XYZ color 78.9293, 83.2239, 102.3463 looks on a white background.

Color Contrast Check

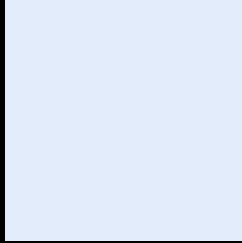
Large Text (above 18pt) WCAG AA × Fail

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 78.9293, 83.2239, 102.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

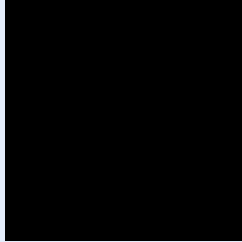
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

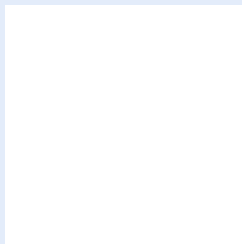
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9293, 83.2239, 102.3463

Background



This preview shows how black text looks on a background with the XYZ color 78.9293, 83.2239, 102.3463.

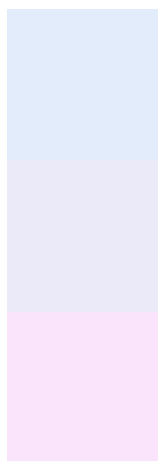


This preview shows how white text looks on a background with the XYZ color 78.9293, 83.2239,

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

78.9293, 83.2239, 102.3463

Protanopia

80.7827, 83.3474, 101.4525

Deuteranopia

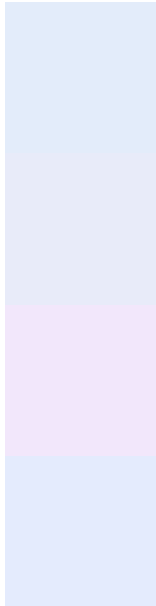
84.7384, 82.8391, 103.6188



Tritanopia

79.5926, 83.0664, 105.6044

Trichromacy



Original Color

78.9293, 83.2239, 102.3463

Protanomaly

80.0859, 83.4120, 101.5017

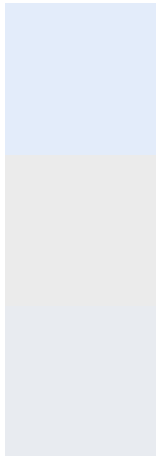
Deuteranomaly

82.6065, 82.9941, 102.9324

Tritanomaly

79.4329, 83.0025, 104.7630

Monochromacy



Original Color

78.9293, 83.2239, 102.3463

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.7152, 82.8637, 94.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9293, 83.2239, 102.3463 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(227, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 236, 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(227, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 236, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.9293, 83.2239, 102.3463 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(227, 236, 250) }
```


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

```
.border{ border-color:rgb(227, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 236,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9293, 83.2239, 102.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 236, 250) }
```

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

```
.background{ background-color: rgb(227,  
236, 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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