

Converting Colors

XYZ(83.0740, 82.5029,
101.7020)

Have a look what the booklet for
XYZ(83.0740, 82.5029, 101.7020)
contains.

XYZ(82.9308, 82.3532, 101.9673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9308, 82.3532,
101.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E5FA
RGB	245, 229, 250
RGB Percent	96%, 90%, 98%
CMY	0.0392, 0.1019, 0.0196
CMYK	0.02, 0.08, 0.00, 0.02
HSL	286°, 68%, 94%
HSV	286°, 8%, 98%
XYZ	82.9308, 82.3532, 101.9673
YIQ	236.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

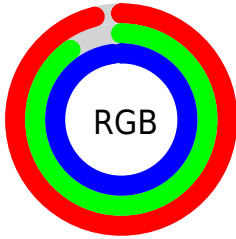
Format	Color
R_{YB}	245, 229, 250
Decimal	16115194
CIE Lab	92.73, 9.12, -8.21
CIE LCh	93, 12.265, 318.004
Yxy	82.3532, 0.3103, 0.3081
Android (android.graphics.Color)	4294305274 (0xFF5E5FA)
YUV	236.1780, 6.8142, 7.7369
Hunter-Lab	90.7487, 4.3123, -3.0956

Details

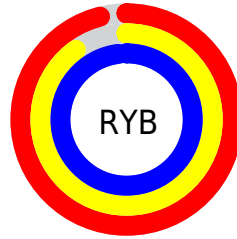
The XYZ color **82.9308, 82.3532, 101.9673** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2632, 91.5229, 87.4628**, and the grayscale version is **79.8151, 83.9717, 91.4452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8599, 44.9860, 57.3050** is the 20% darker color. If you saturate the color by 10%, you get **74.4627, 68.4497, 99.7312**, and if you desaturate by 10%, it is **92.4667, 98.2904, 104.5421**.

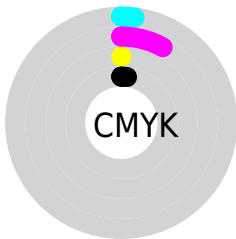
Distribution



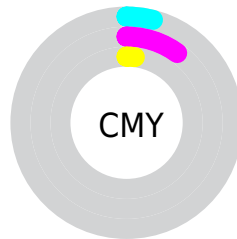
- Red (96%)
- Green (90%)
- Blue (98%)



- Red (96%)
- Yellow (90%)
- Blue (98%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9308, 82.3532, 101.9673 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 82.9308, 82.3532, 101.9673 by changing the saturation by 10% instead.

82.9308, 82.3532,
101.9673

82.9308, 82.3532,
101.9673

493.3433,
502.8284, 587.7822

62.4498, 61.6567,
77.3185

136.4076,
136.6692, 165.9335

45.6532, 44.7554,
57.0012

170.1340,
171.0575, 206.0880

32.1757, 31.2648,
40.5968

209.0063,
210.7785, 252.2481

21.6519, 20.8006,
27.6869

253.3899,
256.2167, 304.8324

13.7165, 12.9783,
17.8528

303.6500,
307.7563, 364.2594

8.0042, 7.4136,
10.6760

360.1520,

4.1494, 3.7221,

365.7819, 430.9477

5.7380

423.2613,
430.6778, 505.3158

■ 1.7870, 1.5193,
2.6202

■ 0.5098, 0.3023,
0.9029

■ 82.9308, 82.3532,
101.9673

■ 82.9308, 82.3532,
101.9673

■ 74.4627, 68.4497,
99.7312

■ 92.4667, 98.2904,
104.5421

■ 67.0120, 56.4842,
97.8143

■ 94.2556, 99.6822,
104.7165

■ 60.5353, 46.3691,
96.2033

■ 54.9827, 38.0058,
94.8817

■ 50.2998, 31.2865,
93.8315

■ 46.4262, 26.0913,
93.0329

■ 43.2931, 22.2837,
92.4631

■ 40.8194, 19.7022,
92.0952

■ 38.8911, 18.1203,
91.8915

Harmonies

Analogous

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



80.1891, 82.3532, 107.4697



82.9308, 82.3532, 101.9673



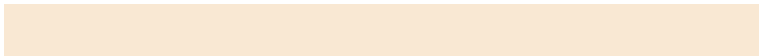
84.4406, 82.3532, 93.3766

Triad

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



82.9308, 82.3532, 101.9673



79.5585, 82.3532, 73.5314



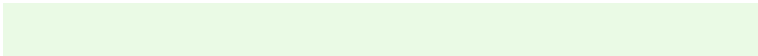
72.5741, 82.3532, 95.2191

Complementary

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



82.9308, 82.3532, 101.9673



82.2632, 91.5229, 87.4628

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.



72.4157, 82.3532, 86.0601



82.9308, 82.3532, 101.9673



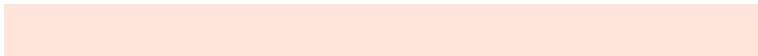
76.3902, 82.3532, 73.9505

Square

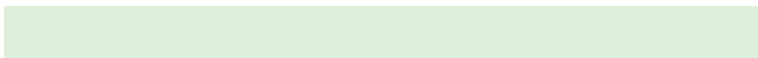
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



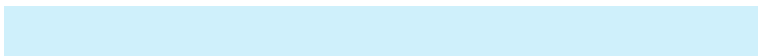
82.9308, 82.3532, 101.9673



82.4584, 82.3532, 77.2143



73.7953, 82.3532, 78.4009



74.2341, 82.3532, 103.3949

Rectangle

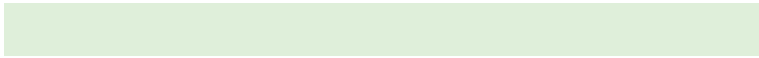
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9308, 82.3532, 101.9673



84.5188, 82.3532, 87.2403



73.7953, 82.3532, 78.4009



72.3451, 82.3532, 92.1416

Sweetspot

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



82.9332, 82.3567, 101.9691



91.9909, 94.8719, 108.0714



79.0658, 82.5519, 102.2106



19.5185, 20.0202, 23.0855



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.



82.9332, 82.3567, 101.9691



85.2490, 83.6622, 106.2630



83.8894, 82.9435, 97.7765



17.5654, 17.3041, 21.7995



20.6133, 9.5692, 48.7342



2.0028, 0.9346, 4.5180

Inverse Universe

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



82.2978, 82.3068, 89.3952



84.4761, 83.6070, 90.7169



81.3889, 90.9862, 91.3062



17.4140, 17.2930, 18.7699



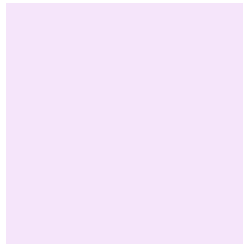
21.3843, 10.9695, 3.4663



2.0200, 1.0317, 0.5288

Previews

White Background



This preview shows how the XYZ color 82.9308, 82.3532, 101.9673 looks on a white background.

Color Contrast Check

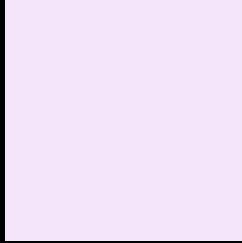
Large Text (above 18pt) WCAG AA × Fail

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 82.9308, 82.3532, 101.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

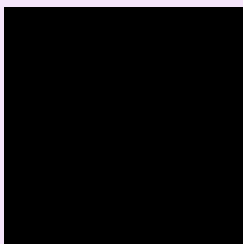
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9308, 82.3532, 101.9673

Background



This preview shows how black text looks on a background with the XYZ color 82.9308, 82.3532, 101.9673.



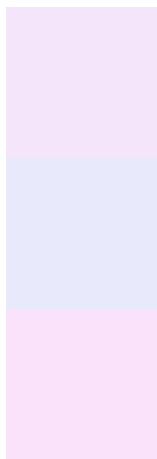
This preview shows how white text looks on a background with the XYZ color 82.9308, 82.3532,

101.9673.

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

82.9308, 82.3532, 101.9673

Protanopia

80.3139, 82.6297, 103.8116

Deuteranopia

84.1487, 82.1643, 101.8667



Tritanopia

82.4640, 82.1665, 99.5091

Trichromacy



Original Color

82.9308, 82.3532, 101.9673

Protanomaly

81.1943, 82.6828, 102.9468

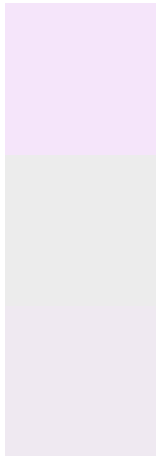
Deuteranomaly

83.7101, 82.3454, 101.9247

Tritanomaly

82.6188, 82.2284, 100.3241

Monochromacy



Original Color

82.9308, 82.3532, 101.9673

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6127, 82.9794, 94.9870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9308, 82.3532, 101.9673 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(245, 229, 250) looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 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(245, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 250) }
```

Border

The CSS property to change the border of an element to XYZ 82.9308, 82.3532, 101.9673 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(245, 229, 250) }
```


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

```
.border{ border-color:rgb(245, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9308, 82.3532, 101.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 250) }
```

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

```
.background{ background-color: rgb(245,  
229, 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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