

Converting Colors

XYZ(82.1741, 83.0791,
103.2539)

Have a look what the booklet for
XYZ(82.1741, 83.0791, 103.2539)
contains.

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Color

**XYZ(82.2044, 83.2035,
102.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E8FB
RGB	240, 232, 251
RGB Percent	94%, 91%, 98%
CMY	0.0588, 0.0902, 0.0157
CMYK	0.04, 0.08, 0.00, 0.02
HSL	265°, 70%, 95%
HSV	265°, 8%, 98%
XYZ	82.2044, 83.2035, 102.9940
YIQ	236.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

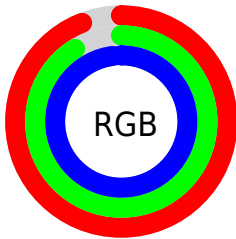
Format	Color
R_{YB}	240, 232, 251
Decimal	15788283
CIE Lab	93.10, 6.11, -8.22
CIE LCh	93, 10.240, 306.625
Yxy	83.2035, 0.3063, 0.3100
Android (android.graphics.Color)	4293978363 (0xFFFF0E8FB)
YUV	236.5580, 7.1199, 3.0186
Hunter-Lab	91.2160, 1.2374, -3.0945

Details

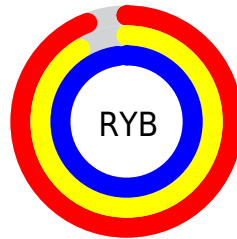
The XYZ color **82.2044, 83.2035, 102.9940** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0278, 93.8774, 89.9340**, and the grayscale version is **80.1064, 84.2782, 91.7790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0301, 45.1361, 57.3777** is the 20% darker color. If you saturate the color by 10%, you get **70.9001, 67.6278, 100.5846**, and if you desaturate by 10%, it is **94.2423, 99.6572, 105.5367**.

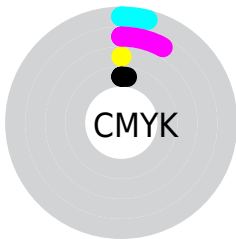
Distribution



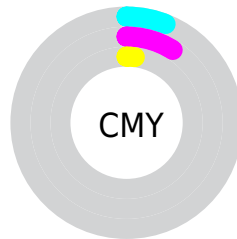
- Red (94%)
- Green (91%)
- Blue (98%)



- Red (94%)
- Yellow (91%)
- Blue (98%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2044, 83.2035, 102.9940 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 82.2044, 83.2035, 102.9940 by changing the saturation by 10% instead.

82.2044, 83.2035,
102.9940

82.2044, 83.2035,
102.9940

490.9553,
505.6645, 591.0781

61.8487, 62.3580,
78.1725

135.3949,
137.8604, 167.3532

45.1656, 45.3221,
57.6984

168.9605,
172.4407, 207.7280

31.7897, 31.7112,
41.1532

207.6600,
212.3681, 254.1244

21.3557, 21.1410,
28.1182

251.8590,
258.0268, 306.9608

13.4982, 13.2271,
18.1749

301.9226,
309.8015, 366.6559

7.8518, 7.5851,
10.9049

358.2163,

4.0513, 3.8306,

368.0764, 433.6281

5.8896

421.1054,
433.2359, 508.2960

■ 1.7312, 1.5793,
2.7103

■ 0.4757, 0.3436,
0.9486

■ 82.2044, 83.2035,
102.9940

■ 82.2044, 83.2035,
102.9940

■ 70.9001, 67.6278,
100.5846

94.2423, 99.6572,
105.5367

■ 60.9459, 54.1804,
98.5137

94.4128, 99.7451,
105.5447

■ 52.2890, 42.7688,
96.7673

■ 44.8703, 33.2894,
95.3286

■ 38.6256, 25.6292,
94.1792

■ 33.4841, 19.6629,
93.2985

■ 29.3667, 15.2489,
92.6635

■ 26.1813, 12.2208,
92.2470

■ 23.8098, 10.3613,
92.0130

Harmonies

Analogous

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



79.6799, 83.2035, 106.0989



82.2044, 83.2035, 102.9940



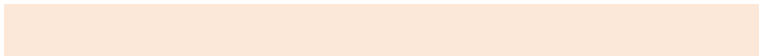
83.9196, 83.2035, 96.5917

Triad

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



82.2044, 83.2035, 102.9940



81.1497, 83.2035, 77.6816



74.0614, 83.2035, 92.3121

Complementary

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



82.2044, 83.2035, 102.9940



86.0278, 93.8774, 89.9340

Split Complementary

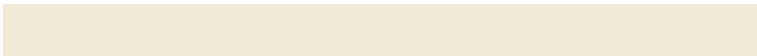
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4348, 83.2035, 84.8507



82.2044, 83.2035, 102.9940



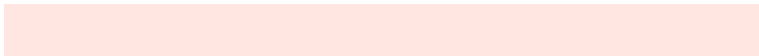
78.4879, 83.2035, 76.6792

Square

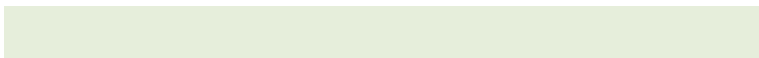
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2044, 83.2035, 102.9940



83.3011, 83.2035, 82.0520



76.0405, 83.2035, 79.2323



75.0086, 83.2035, 99.7101

Rectangle

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



82.2044, 83.2035, 102.9940



84.3521, 83.2035, 91.4682



76.0405, 83.2035, 79.2323



74.0369, 83.2035, 89.7263

Sweetspot

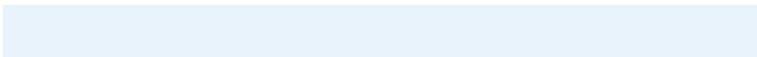
The Sweet Spot groups the original color and five complimentary colors.



82.2068, 83.2070, 102.9958



92.3664, 96.2333, 108.3144



82.7698, 88.2748, 103.9443



19.7984, 20.6374, 23.1899



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.



82.2068, 83.2070, 102.9958



83.4395, 83.7875, 106.3826



85.4872, 84.8982, 103.1493



16.9755, 17.0000, 21.7719



12.4135, 5.3421, 48.3504



1.2677, 0.5556, 4.4836

Inverse Universe

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



84.8208, 84.6972, 96.6756



86.6439, 85.6147, 98.6165



82.8606, 92.2446, 89.7858



17.6660, 17.3938, 20.0971



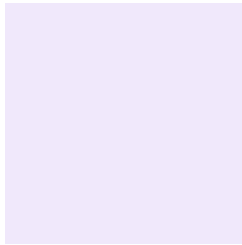
23.6865, 11.8903, 15.5896



2.2467, 1.1224, 1.7226

Previews

White Background



This preview shows how the XYZ color 82.2044, 83.2035, 102.9940 looks on a white background.

Color Contrast Check

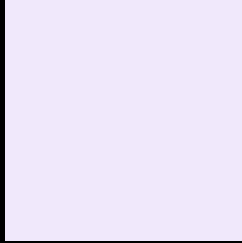
Large Text (above 18pt) WCAG AA × Fail

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 82.2044, 83.2035, 102.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

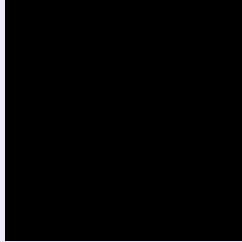
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2044, 83.2035, 102.9940

Background



This preview shows how black text looks on a background with the XYZ color 82.2044, 83.2035, 102.9940.



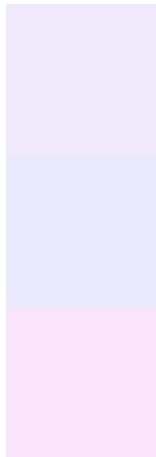
This preview shows how white text looks on a background with the XYZ color 82.2044, 83.2035,

102.9940.

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

82.2044, 83.2035, 102.9940

Protanopia

80.9252, 83.3663, 103.9216

Deuteranopia

84.7384, 82.8391, 103.6188



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

82.2044, 83.2035, 102.9940

Protanomaly

81.3017, 83.1390, 103.8578

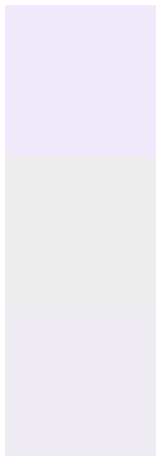
Deuteranomaly

83.5960, 82.6597, 103.6444

Tritanomaly

82.0471, 83.1406, 102.1659

Monochromacy



Original Color

82.2044, 83.2035, 102.9940

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9952, 84.0046, 95.9500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2044, 83.2035, 102.9940 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(240, 232, 251) looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 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(240, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 251) }
```

Border

The CSS property to change the border of an element to XYZ 82.2044, 83.2035, 102.9940 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(240, 232, 251) }
```


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

```
.border{ border-color:rgb(240, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2044, 83.2035, 102.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 251) }
```

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

```
.background{ background-color: rgb(240,  
232, 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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