

Converting Colors

XYZ(83.2461, 82.9670,
104.6754)

Have a look what the booklet for
XYZ(83.2461, 82.9670, 104.6754)
contains.

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Color

**XYZ(82.9886, 82.7402,
104.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E6FD
RGB	243, 230, 253
RGB Percent	95%, 90%, 99%
CMY	0.0471, 0.0980, 0.0078
CMYK	0.04, 0.09, 0.00, 0.01
HSL	274°, 85%, 95%
HSV	274°, 9%, 99%
XYZ	82.9886, 82.7402, 104.5250
YIQ	236.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

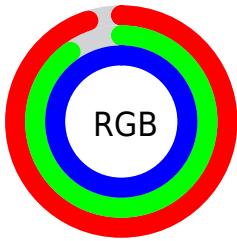
Format	Color
R_{YB}	243, 230, 253
Decimal	15984381
CIE _{Lab}	92.90, 8.49, -9.54
CIE _{LCh}	93, 12.770, 311.691
Yxy	82.7402, 0.3071, 0.3062
Android (android.graphics.Color)	4294174461 (0xFFFF3E6FD)
YUV	236.5090, 8.1301, 5.6926
Hunter-Lab	90.9616, 3.6711, -4.4576

Details

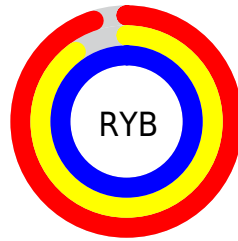
The XYZ color **82.9886, 82.7402, 104.5250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3465, 94.4912, 88.6075**, and the grayscale version is **80.0604, 84.2298, 91.7263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7873, 45.2103, 58.5378** is the 20% darker color. If you saturate the color by 10%, you get **72.7695, 67.7696, 102.1752**, and if you desaturate by 10%, it is **94.3642, 99.6834, 107.1971**.

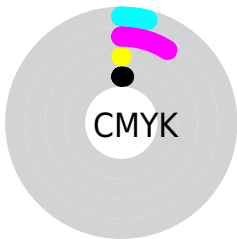
Distribution



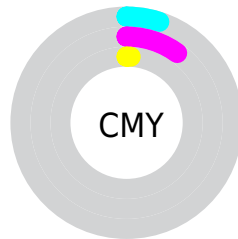
- Red (95%)
- Green (90%)
- Blue (99%)



- Red (95%)
- Yellow (90%)
- Blue (99%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9886, 82.7402, 104.5250 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 82.9886, 82.7402, 104.5250 by changing the saturation by 10% instead.

82.9886, 82.7402,
104.5250

82.9886, 82.7402,
104.5250

493.5330,
504.1203, 595.9750

62.4976, 61.9759,
79.4470

136.4881,
137.2115, 169.4677

45.6920, 45.0132,
58.7399

170.2273,
171.6873, 210.1695

32.2065, 31.4678,
41.9852

209.1134,
211.5023, 256.9164

21.6756, 20.9553,
28.7642

253.5116,
257.0410, 310.1268

13.7340, 13.0914,
18.6585

303.7873,
308.6878, 370.2193

8.0163, 7.4915,
11.2495

360.3059,

4.1573, 3.7713,

366.8270, 437.6125

6.1186

423.4327,
431.8430, 512.7249

■ 1.7915, 1.5465,
2.8474

■ 0.5125, 0.3211,
1.0172

■ 82.9886, 82.7402,
104.5250

■ 82.9886, 82.7402,
104.5250

■ 72.7695, 67.7696,
102.1752

94.3642, 99.6834,
107.1971

■ 63.7496, 54.8668,
100.1601

94.7299, 99.8719,
107.2142

■ 55.8802, 43.9390,
98.4656

■ 49.1063, 34.8826,
97.0746

■ 43.3679, 27.5837,
95.9682

■ 38.5984, 21.9160,
95.1256

■ 34.7224, 17.7354,
94.5230

■ 31.6511, 14.8712,
94.1320

■ 29.2541, 13.0700,
93.9107

Harmonies

Analogous

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



79.9498, 82.7402, 109.3153



82.9886, 82.7402, 104.5250



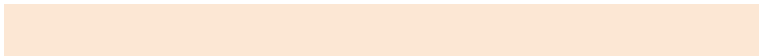
84.8941, 82.7402, 95.9886

Triad

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



82.9886, 82.7402, 104.5250



80.6756, 82.7402, 73.7418



72.5230, 82.7402, 93.8662

Complementary

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



82.9886, 82.7402, 104.5250



85.3465, 94.4912, 88.6075

Split Complementary

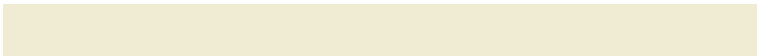
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7048, 82.7402, 84.4381



82.9886, 82.7402, 104.5250



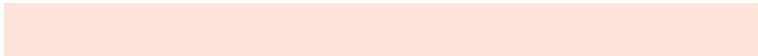
77.3487, 82.7402, 73.2623

Square

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



82.9886, 82.7402, 104.5250



83.5329, 82.7402, 78.4091



74.4500, 82.7402, 77.0492



73.9460, 82.7402, 102.8769

Rectangle

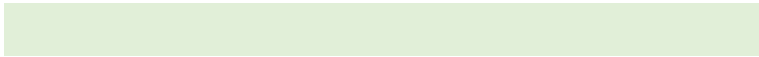
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9886, 82.7402, 104.5250



85.2335, 82.7402, 89.5487



74.4500, 82.7402, 77.0492



72.3995, 82.7402, 90.6335

Sweetspot

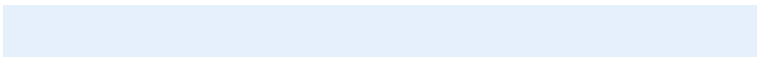
The Sweet Spot groups the original color and five complimentary colors.



82.9910, 82.7437, 104.5268



91.4446, 94.5903, 108.0459



81.6292, 86.4446, 105.3129



19.3709, 19.9441, 23.0786



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.



82.9910, 82.7437, 104.5268



82.3994, 81.1504, 105.9284



86.3541, 84.4986, 103.7308



17.9855, 17.8842, 22.7540



15.6262, 6.9661, 49.9556



1.6469, 0.7429, 4.8699

Inverse Universe

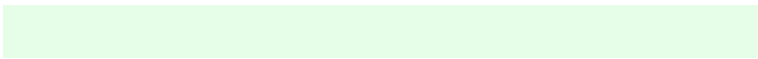
The Inverse Universe completely reimagines the original color for something new.



84.5359, 83.7713, 94.1562



84.2972, 82.4115, 93.2397



82.2065, 92.8538, 89.3063



18.3374, 18.1183, 20.3938



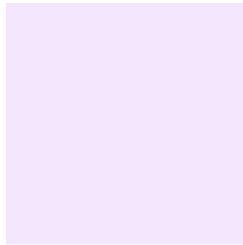
23.1165, 11.7359, 9.2639



2.3044, 1.1641, 1.1845

Previews

White Background



This preview shows how the XYZ color 82.9886, 82.7402, 104.5250 looks on a white background.

Color Contrast Check

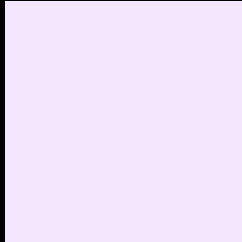
Large Text (above 18pt) WCAG AA × Fail

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 82.9886, 82.7402, 104.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

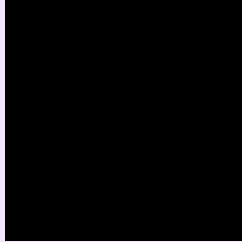
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9886, 82.7402, 104.5250

Background



This preview shows how black text looks on a background with the XYZ color 82.9886, 82.7402, 104.5250.



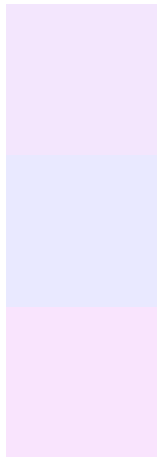
This preview shows how white text looks on a background with the XYZ color 82.9886, 82.7402,

104.5250.

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

82.9886, 82.7402, 104.5250

Protanopia

80.7932, 82.8215, 106.3356

Deuteranopia

84.5399, 82.7184, 104.4390



Tritanopia

82.2927, 82.8686, 101.2805

Trichromacy



Original Color

82.9886, 82.7402, 104.5250

Protanomaly

81.6711, 82.8735, 105.4576

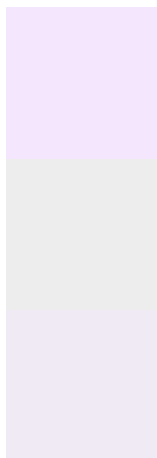
Deuteranomaly

84.1067, 82.9046, 104.4978

Tritanomaly

82.4492, 82.9312, 102.1043

Monochromacy



Original Color

82.9886, 82.7402, 104.5250

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1971, 83.6674, 96.6639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9886, 82.7402, 104.5250 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(243, 230, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 253)  
}
```

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(243, 230, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 253) }
```

Border

The CSS property to change the border of an element to XYZ 82.9886, 82.7402, 104.5250 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(243, 230, 253) }
```


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

```
.border{ border-color:rgb(243, 230, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 230, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 253);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9886, 82.7402, 104.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 230, 253) }
```

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

```
.background{ background-color: rgb(243,  
230, 253) }
```

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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