

Converting Colors

XYZ(92.8218, 85.7009,
104.1901)

Have a look what the booklet for
XYZ(92.8218, 85.7009, 104.1901)
contains.

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Color

**XYZ(85.8948, 82.2023,
104.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1FD
RGB	255, 225, 253
RGB Percent	100%, 88%, 99%
CMY	0.0000, 0.1176, 0.0078
CMYK	0.00, 0.12, 0.01, 0.00
HSL	304°, 100%, 94%
HSV	304°, 12%, 100%
XYZ	85.8948, 82.2023, 104.2680
YIQ	237.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

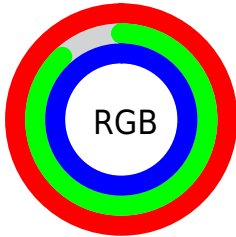
Format	Color
R_{YB}	255, 225, 253
Decimal	16769533
CIE _{Lab}	92.66, 15.03, -9.78
CIE _{LCh}	93, 17.930, 326.939
Yxy	82.2023, 0.3154, 0.3018
Android (android.graphics.Color)	4294959613 (0xFFFFE1FD)
YUV	237.1620, 7.8081, 15.6439
Hunter-Lab	90.6655, 10.4430, -4.7194

Details

The XYZ color **85.8948, 82.2023, 104.2680** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.6789, 93.0748, 86.3893**, and the grayscale version is **80.5597, 84.7551, 92.2983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6272, 44.7407, 58.3502** is the 20% darker color. If you saturate the color by 10%, you get **79.2403, 69.3242, 100.7214**, and if you desaturate by 10%, it is **93.5849, 97.1468, 108.1740**.

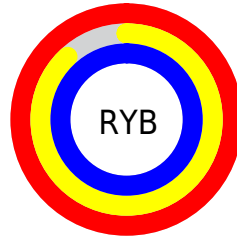
Distribution



Red (100%)

Green (88%)

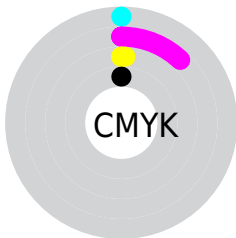
Blue (99%)



Red (100%)

Yellow (88%)

Blue (99%)

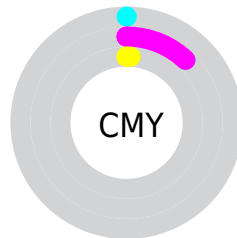


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8948, 82.2023, 104.2680 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 85.8948, 82.2023, 104.2680 by changing the saturation by 10% instead.

85.8948, 82.2023,
104.2680

85.8948, 82.2023,
104.2680

503.0234,
502.3241, 595.1545

64.9060, 61.5323,
79.2330

140.5303,
136.4577, 169.1130

47.6492, 44.6549,
58.5650

174.9076,
170.8118, 209.7600

33.7593, 31.1857,
41.8453

214.4785,
210.4961, 256.4482

22.8708, 20.7403,
28.6555

259.6082,
255.8950, 309.5960

14.6183, 12.9343,
18.5770

310.6623,
307.3929, 369.6220

8.6365, 7.3833,
11.1914

368.0059,

4.5600, 3.7030,

365.3741, 436.9447

6.0799

432.0045,
430.2230, 511.9827

■ 2.0236, 1.5088,
2.8242

■ 0.6472, 0.2949,
1.0056

■ 85.8948, 82.2023,
104.2680

■ 85.8948, 82.2023,
104.2680

■ 79.2403, 69.3242,
100.7214

■ 93.5849, 97.1468,
108.1740

■ 73.5704, 58.4117,
97.5137

95.0500, 100.0000,
108.9000

■ 68.8379, 49.3703,
94.6303

■ 64.9898, 42.0938,
92.0535

■ 61.9677, 36.4656,
89.7638

■ 59.7063, 32.3549,
87.7395

■ 58.1302, 29.6111,
85.9553

■ 57.1487, 28.0527,
84.3809

■ 56.6739, 27.4336,
83.2041

Harmonies

Analogous

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



82.2668, 82.2023, 114.4239



85.8948, 82.2023, 104.2680



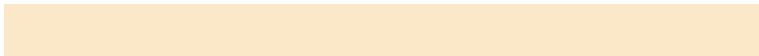
87.4378, 82.2023, 90.8836

Triad

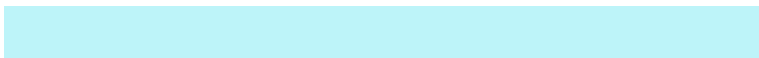
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8948, 82.2023, 104.2680



78.6110, 82.2023, 66.2174



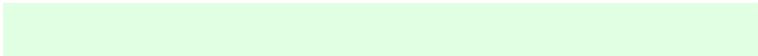
70.4014, 82.2023, 101.6586

Complementary

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



85.8948, 82.2023, 104.2680



80.6789, 93.0748, 86.3893

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.



69.5088, 82.2023, 88.1391



85.8948, 82.2023, 104.2680



74.1358, 82.2023, 68.4940

Square

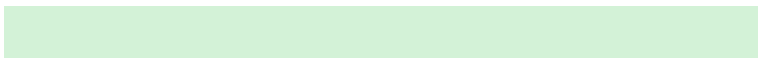
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



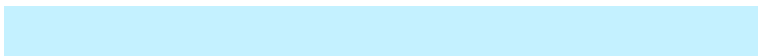
85.8948, 82.2023, 104.2680



83.1288, 82.2023, 69.6485



70.8494, 82.2023, 76.2045



73.3373, 82.2023, 112.8151

Rectangle

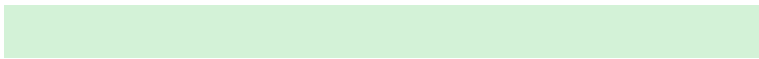
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8948, 82.2023, 104.2680



87.0327, 82.2023, 82.2240



70.8494, 82.2023, 76.2045



69.8577, 82.2023, 97.2022

Sweetspot

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



85.8967, 82.2056, 104.2698



91.7727, 93.6202, 107.2687



76.4997, 77.3243, 105.5009



19.5153, 19.7899, 22.8957



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.



85.8967, 82.2056, 104.2698



84.3192, 79.1474, 103.4454



83.6735, 81.3163, 92.5627



18.7373, 18.2782, 22.4999



29.6357, 14.3436, 43.5934



2.9006, 1.4026, 4.3242

Inverse Universe

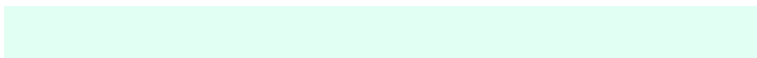
The Inverse Universe completely reimagines the original color for something new.



85.8967, 82.2056, 104.2698



84.3192, 79.1474, 103.4454



82.7656, 93.9095, 97.3774



18.7373, 18.2782, 22.4999



29.6357, 14.3436, 43.5934



2.9006, 1.4026, 4.3242

Previews

White Background



This preview shows how the XYZ color 85.8948, 82.2023, 104.2680 looks on a white background.

Color Contrast Check

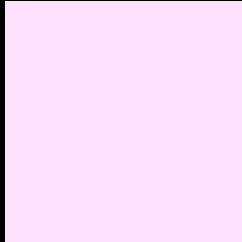
Large Text (above 18pt) WCAG AA × Fail

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 85.8948, 82.2023, 104.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

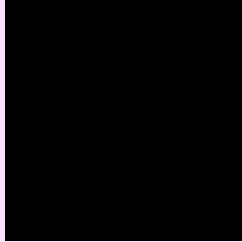
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8948, 82.2023, 104.2680

Background



This preview shows how black text looks on a background with the XYZ color 85.8948, 82.2023, 104.2680.



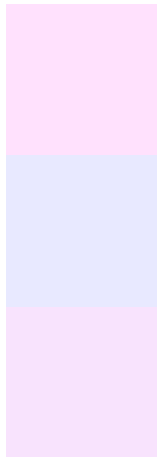
This preview shows how white text looks on a background with the XYZ color 85.8948, 82.2023,

104.2680.

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

85.8948, 82.2023, 104.2680

Protanopia

80.4676, 82.6536, 106.3204

Deuteranopia

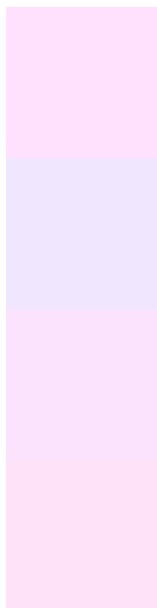
83.9101, 81.9865, 104.3309



Tritanopia

84.3985, 81.9952, 96.9663

Trichromacy



Original Color

85.8948, 82.2023, 104.2680

Protanomaly

82.1214, 82.2747, 105.3183

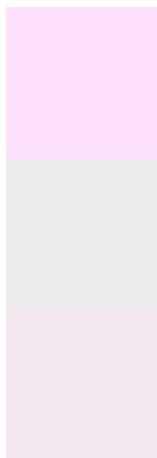
Deuteranomaly

84.7096, 81.9938, 104.2902

Tritanomaly

84.8579, 82.1789, 99.3853

Monochromacy



Original Color

85.8948, 82.2023, 104.2680

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.6248, 83.9820, 96.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8948, 82.2023, 104.2680 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(255, 225, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 253) }
```

Border

The CSS property to change the border of an element to XYZ 85.8948, 82.2023, 104.2680 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(255, 225, 253) }
```


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

```
.border{ border-color:rgb(255, 225, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8948, 82.2023, 104.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 253) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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