

Converting Colors

XYZ(83.8092, 82.0008,
100.7619)

Have a look what the booklet for
XYZ(83.8092, 82.0008, 100.7619)
contains.

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Color

**XYZ(83.9923, 82.1017,
101.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3F9
RGB	250, 227, 249
RGB Percent	98%, 89%, 98%
CMY	0.0196, 0.1098, 0.0235
CMYK	0.00, 0.09, 0.00, 0.02
HSL	303°, 70%, 94%
HSV	303°, 9%, 98%
XYZ	83.9923, 82.1017, 101.0429
YIQ	236.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

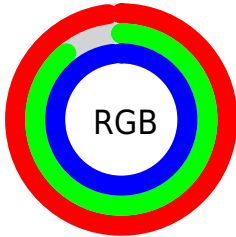
Format	Color
R _Y B	250, 227, 249
Decimal	16442361
CIE Lab	92.62, 11.62, -7.80
CIE LCh	93, 14.000, 326.120
Yxy	82.1017, 0.3144, 0.3073
Android (android.graphics.Color)	4294632441 (0xFFFAE3F9)
YUV	236.3850, 6.2192, 11.9404
Hunter-Lab	90.6100, 6.8958, -2.6897

Details

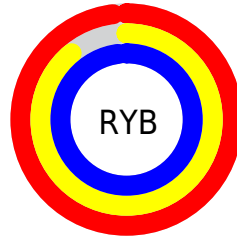
The XYZ color **83.9923, 82.1017, 101.0429** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8709, 90.3058, 86.6241**, and the grayscale version is **79.9761, 84.1410, 91.6296**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3705, 44.6928, 56.6347** is the 20% darker color. If you saturate the color by 10%, you get **77.4767, 69.3400, 98.0377**, and if you desaturate by 10%, it is **91.5064, 96.8565, 104.3877**.

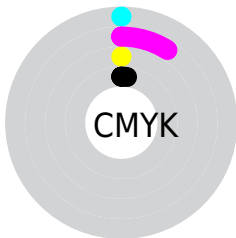
Distribution



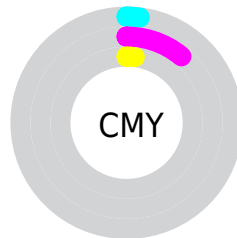
- Red (98%)
- Green (89%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9923, 82.1017, 101.0429 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 83.9923, 82.1017, 101.0429 by changing the saturation by 10% instead.


 83.9923, 82.1017,
101.0429

 83.9923, 82.1017,
101.0429


496.8217,
501.9878, 584.8064

 63.3288, 61.4494,
76.5501


137.8857,
136.3166, 164.6540

 46.3669, 44.5879,
56.3743


171.8463,
170.6480, 204.6093

 32.7413, 31.1330,
40.0971

210.9700,
210.3078, 250.5559

 22.0866, 20.7001,
27.2999

255.6221,
255.6805, 302.9123

 14.0375, 12.9050,
17.5642

306.1679,
307.1505, 362.0969

 8.2286, 7.3631,
10.4713

362.9729,

 4.2946, 3.6902,

365.1021, 428.5285

5.6029

426.4024,
429.9197, 502.6255

■ 1.8701, 1.5018,
2.5403

■ 0.5594, 0.2900,
0.8614

■ 83.9923, 82.1017,
101.0429

■ 83.9923, 82.1017,
101.0429

■ 77.4767, 69.3400,
98.0377

■ 91.5064, 96.8565,
104.3877

■ 71.9099, 58.4754,
95.3526

■ 92.6253, 98.8204,
105.6047

■ 67.2486, 49.4203,
92.9742

■ 92.7974, 98.8893,
106.5109

■ 63.4434, 42.0757,
90.8860

■ 92.9704, 98.9585,
107.4224

60.4400, 36.3333,
89.0698

93.1445, 99.0281,
108.3390

58.1781, 32.0723,
87.5056

93.2349, 99.0643,
108.8151

56.5888, 29.1549,
86.1704

55.5903, 27.4177,
85.0369

55.0586, 26.6126,
84.0639

Harmonies

Analogous

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



81.1578, 82.1017, 108.6307



83.9923, 82.1017, 101.0429



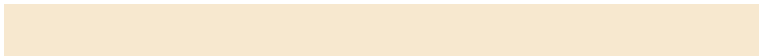
85.2298, 82.1017, 90.7583

Triad

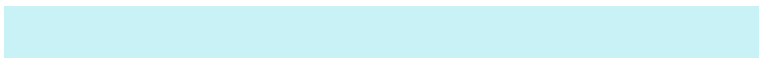
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9923, 82.1017, 101.0429



78.5098, 82.1017, 70.8474



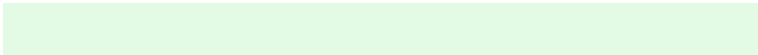
71.9171, 82.1017, 98.5147

Complementary

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



83.9923, 82.1017, 101.0429



79.8709, 90.3058, 86.6241

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.



71.2573, 82.1017, 88.0451



83.9923, 82.1017, 101.0429



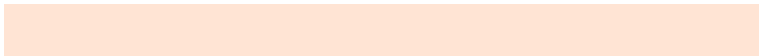
74.9937, 82.1017, 72.5753

Square

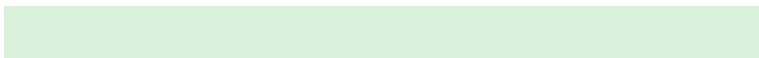
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



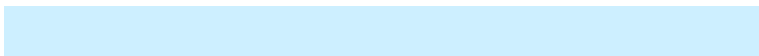
83.9923, 82.1017, 101.0429



82.0029, 82.1017, 73.7623



72.3667, 82.1017, 78.6781



74.1976, 82.1017, 107.0932

Rectangle

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



83.9923, 82.1017, 101.0429



84.9552, 82.1017, 83.9432



72.3667, 82.1017, 78.6781



71.5016, 82.1017, 95.0775

Sweetspot

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



83.9947, 82.1053, 101.0447



92.6044, 95.1944, 107.8208



76.6489, 78.3003, 101.5174



19.6847, 20.1076, 23.0175



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

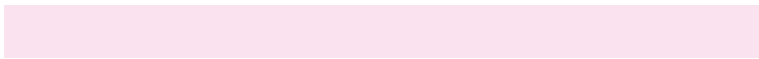
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9947, 82.1053, 101.0447



86.5496, 83.3125, 105.1007



82.2896, 81.4232, 92.0657



17.9585, 17.5108, 21.6373



29.2005, 14.0959, 44.6258



2.7143, 1.3095, 4.1849

Inverse Universe

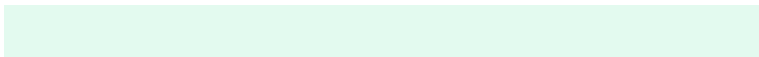
The Inverse Universe completely reimagines the original color for something new.



83.9947, 82.1053, 101.0447



86.5496, 83.3125, 105.1007



81.4864, 90.9520, 95.1315



17.9585, 17.5108, 21.6373



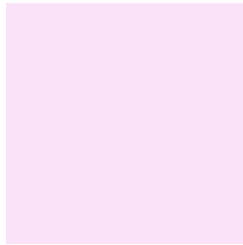
29.2005, 14.0959, 44.6258



2.7143, 1.3095, 4.1849

Previews

White Background



This preview shows how the XYZ color 83.9923, 82.1017, 101.0429 looks on a white background.

Color Contrast Check

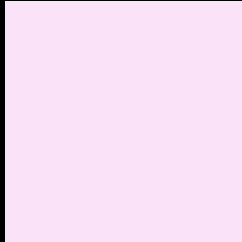
Large Text (above 18pt) WCAG AA × Fail

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 83.9923, 82.1017, 101.0429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

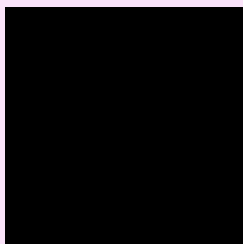
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.9923, 82.1017, 101.0429

Background



This preview shows how black text looks on a background with the XYZ color 83.9923, 82.1017, 101.0429.



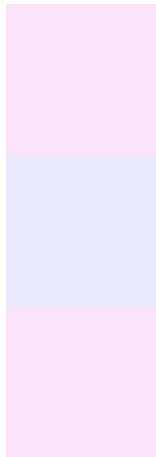
This preview shows how white text looks on a background with the XYZ color 83.9923, 82.1017,

101.0429.

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

83.9923, 82.1017, 101.0429

Protanopia

80.0316, 82.0651, 103.7175

Deuteranopia

83.9923, 82.1017, 101.0429



Tritanopia

83.2918, 82.2191, 97.8661

Trichromacy



Original Color

83.9923, 82.1017, 101.0429

Protanomaly

81.3060, 81.9094, 102.7916

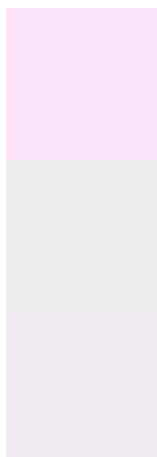
Deuteranomaly

83.9923, 82.1017, 101.0429

Tritanomaly

83.4449, 82.2804, 98.6725

Monochromacy



Original Color

83.9923, 82.1017, 101.0429

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.2917, 83.3295, 95.0188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9923, 82.1017, 101.0429 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(250, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 249)  
}
```

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(250, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 249) }
```

Border

The CSS property to change the border of an element to XYZ 83.9923, 82.1017, 101.0429 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(250, 227, 249) }
```


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

```
.border{ border-color:rgb(250, 227, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9923, 82.1017, 101.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 249) }
```

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

```
.background{ background-color: rgb(250,  
227, 249) }
```

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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