

Converting Colors

XYZ(83.0532, 77.7717, 99.4590)

Have a look what the booklet for
XYZ(83.0532, 77.7717, 99.4590)
contains.

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Color

**XYZ(82.9961, 77.6630,
99.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F8
RGB	255, 217, 248
RGB Percent	100%, 85%, 97%
CMY	0.0000, 0.1490, 0.0274
CMYK	0.00, 0.15, 0.03, 0.00
HSL	311°, 100%, 93%
HSV	311°, 15%, 100%
XYZ	82.9961, 77.6630, 99.4230
YIQ	231.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

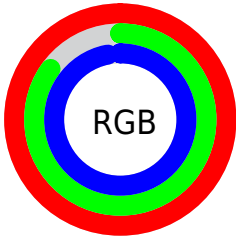
Format	Color
R_{YB}	255, 217, 248
Decimal	16767480
CIE _{Lab}	90.63, 18.31, -10.19
CIE _{LCh}	91, 20.958, 330.897
Yxy	77.6630, 0.3191, 0.2986
Android (android.graphics.Color)	4294957560 (0xFFFFD9F8)
YUV	231.8960, 7.9393, 20.2622
Hunter-Lab	88.1266, 13.8866, -5.2014

Details

The XYZ color **82.9961, 77.6630, 99.4230** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8322, 91.6547, 84.1131**, and the grayscale version is **76.5614, 80.5486, 87.7174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7235, 41.6522, 55.4990** is the 20% darker color. If you saturate the color by 10%, you get **76.2050, 65.2321, 93.6097**, and if you desaturate by 10%, it is **90.8245, 92.1385, 105.6744**.

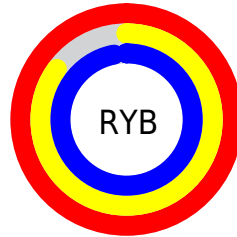
Distribution



Red (100%)

Green (85%)

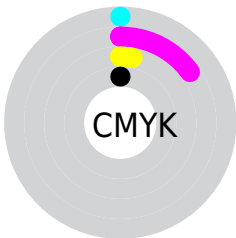
Blue (97%)



Red (100%)

Yellow (85%)

Blue (97%)

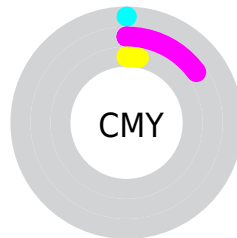


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9961, 77.6630, 99.4230 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 82.9961, 77.6630, 99.4230 by changing the saturation by 10% instead.


 82.9961, 77.6630,
99.4230

 82.9961, 77.6630,
99.4230


493.5576,
487.0216, 579.5720

 62.5038, 57.7972,
75.2046

136.4986,
130.0750, 162.4090

 45.6971, 41.6456,
55.2777


170.2394,
163.3899, 202.0136

 32.2105, 28.8239,
39.2240


209.1273,
201.9566, 247.5840

 21.6786, 18.9476,
26.6249

253.5274,
246.1596, 299.5388

 13.7362, 11.6325,
17.0618

303.8051,
296.3832, 358.2964

 8.0179, 6.4939,
10.1161

360.3258,

 4.1583, 3.1477,

353.0118, 424.2755

5.3694

423.4549,
416.4298, 497.8945

■ 1.7921, 1.2093,
2.4031

■ 0.5129, 0.0693,
0.7881

■ 82.9961, 77.6630,
99.4230

■ 82.9961, 77.6630,
99.4230

■ 76.2050, 65.2321,
93.6097

■ 90.8245, 92.1385,
105.6744

■ 70.3993, 54.7434,
88.2134

95.0500, 100.0000,
108.9000

■ 65.5305, 46.0997,
83.2183

■ 61.5440, 39.1918,
78.6056

■ 58.3792, 33.8991,
74.3543

■ 55.9679, 30.0851,
70.4412

■ 54.2307, 27.5913,
66.8390

■ 53.0698, 26.2223,
63.5144

■ 52.6286, 25.8155,
61.9018

Harmonies

Analogous

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



79.1243, 77.6630, 111.8859



82.9961, 77.6630, 99.4230



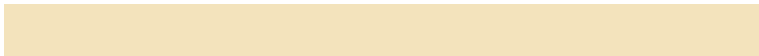
84.3810, 77.6630, 84.1099

Triad

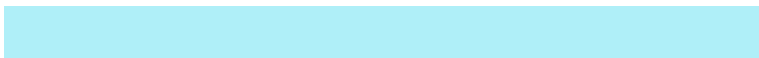
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9961, 77.6630, 99.4230



73.6584, 77.6630, 58.8152



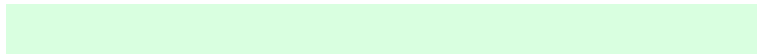
65.4856, 77.6630, 100.2991

Complementary

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



82.9961, 77.6630, 99.4230



77.8322, 91.6547, 84.1131

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.



64.1725, 77.6630, 85.0154



82.9961, 77.6630, 99.4230



68.7513, 77.6630, 62.0933

Square

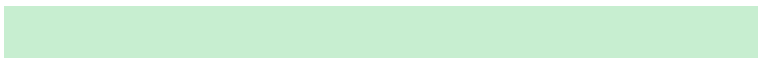
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9961, 77.6630, 99.4230



78.8378, 77.6630, 61.7255



65.3397, 77.6630, 71.2606



69.0128, 77.6630, 112.4324

Rectangle

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



82.9961, 77.6630, 99.4230



83.6582, 77.6630, 74.6597



65.3397, 77.6630, 71.2606



64.7783, 77.6630, 95.3029

Sweetspot

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



82.9978, 77.6661, 99.4246



91.5809, 93.5434, 106.2586



73.5960, 72.6915, 104.7597



19.4666, 19.7704, 22.6391



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.



82.9978, 77.6661, 99.4246



80.7834, 73.5974, 97.5760



80.2024, 76.5479, 84.7042



18.6407, 18.2396, 21.9909



27.5513, 13.5098, 32.6174



2.7181, 1.3296, 3.3630

Inverse Universe

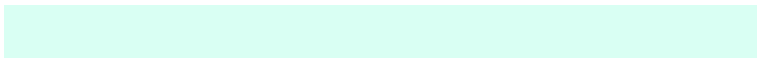
The Inverse Universe completely reimagines the original color for something new.



82.9978, 77.6661, 99.4246



80.7834, 73.5974, 97.5760



80.5499, 92.7418, 98.4246



18.6407, 18.2396, 21.9909



27.5513, 13.5098, 32.6174



2.7181, 1.3296, 3.3630

Previews

White Background



This preview shows how the XYZ color 82.9961, 77.6630, 99.4230 looks on a white background.

Color Contrast Check

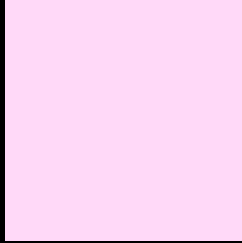
Large Text (above 18pt) WCAG AA × Fail

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 82.9961, 77.6630, 99.4230 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 82.9961, 77.6630, 99.4230

Background



This preview shows how black text looks on a background with the XYZ color 82.9961, 77.6630, 99.4230.



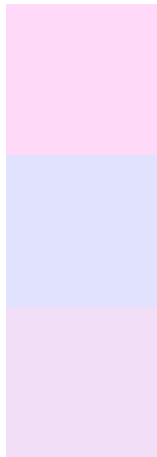
This preview shows how white text looks on a background with the XYZ color 82.9961, 77.6630,

99.4230.

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

82.9961, 77.6630, 99.4230

Protanopia

76.4098, 78.1015, 104.8138

Deuteranopia

79.5277, 77.8352, 98.8278



Tritanopia

80.9799, 77.6018, 90.0674

Trichromacy



Original Color

82.9961, 77.6630, 99.4230

Protanomaly

78.5504, 77.6365, 102.9407

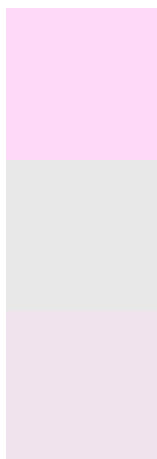
Deuteranomaly

80.7395, 77.6760, 98.7332

Tritanomaly

81.6726, 77.5049, 93.0934

Monochromacy



Original Color

82.9961, 77.6630, 99.4230

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.8369, 79.6365, 92.1051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9961, 77.6630, 99.4230 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, 217, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 248)  
}
```

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, 217, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 248) }
```

Border

The CSS property to change the border of an element to XYZ 82.9961, 77.6630, 99.4230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

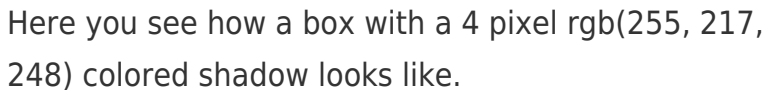
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 248) }
```


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

```
.border{ border-color:rgb(255, 217, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 217, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 248); box-shadow:4px 4px 4px 4px rgb(255, 217, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9961, 77.6630, 99.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 248) }
```

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

```
.background{ background-color: rgb(255,  
217, 248) }
```

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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