

Converting Colors

XYZ(82.7303, 79.2934, 89.7668)

Have a look what the booklet for
XYZ(82.7303, 79.2934, 89.7668)
contains.

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Color

**XYZ(82.0918, 78.9711,
89.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDEB
RGB	255, 221, 235
RGB Percent	100%, 87%, 92%
CMY	0.0000, 0.1333, 0.0784
CMYK	0.00, 0.13, 0.08, 0.00
HSL	335°, 100%, 93%
HSV	335°, 13%, 100%
XYZ	82.0918, 78.9711, 89.5135
YIQ	232.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

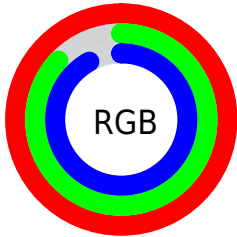
Format	Color
R _Y B	255, 221, 235
Decimal	16768491
CIE Lab	91.22, 14.00, -2.49
CIE LCh	91, 14.225, 349.902
Yxy	78.9711, 0.3276, 0.3152
Android (android.graphics.Color)	4294958571 (0xFFFFDDEB)
YUV	232.7620, 1.1033, 19.5027
Hunter-Lab	88.8657, 9.3787, 2.4838

Details

The XYZ color **82.0918, 78.9711, 89.5135** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4585, 93.2443, 96.9274**, and the grayscale version is **77.2585, 81.2820, 88.5161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0616, 42.5329, 48.4825** is the 20% darker color. If you saturate the color by 10%, you get **73.7870, 65.6847, 76.4995**, and if you desaturate by 10%, it is **91.6057, 94.3822, 103.8345**.

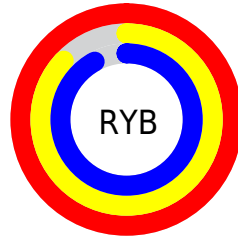
Distribution



Red (100%)

Green (87%)

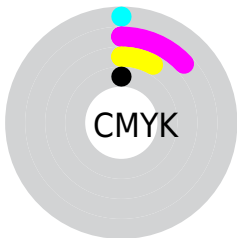
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

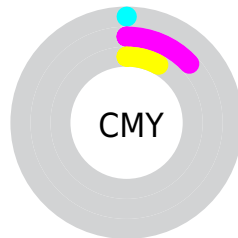


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0918, 78.9711, 89.5135 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 82.0918, 78.9711, 89.5135 by changing the saturation by 10% instead.


 82.0918, 78.9711,
89.5135

 82.0918, 78.9711,
89.5135

490.5846,
491.4586, 546.9762

 61.7556, 58.8720,
67.0058


135.2379,
131.9182, 148.5920

 45.0901, 42.5101,
48.6277


168.7784,
165.5350, 186.0000

 31.7300, 29.5009,
33.9607


207.4512,
204.4265, 229.2117

 21.3099, 19.4601,
22.5863

251.6214,
248.9771, 278.6457

 13.4644, 12.0032,
14.0859

301.6545,
299.5713, 334.7207

 7.8283, 6.7459,
8.0410

357.9158,

 4.0362, 3.3037,

356.5933, 397.8550

4.0331

420.7707,
420.4276, 468.4674

■ 1.7226, 1.2923,
1.6435

■ 0.4704, 0.1352,
0.3216

■ 82.0918, 78.9711,
89.5135

■ 82.0918, 78.9711,
89.5135

■ 73.7870, 65.6847,
76.4995

■ 91.6057, 94.3822,
103.8345

■ 66.6351, 54.4195,
64.7485

95.0500, 100.0000,
108.9000

■ 60.5840, 45.0778,
54.2211

■ 55.5749, 37.5501,
44.8737

■ 51.5435, 31.7157,
36.6598

■ 48.4177, 27.4391,
29.5292

■ 46.1146, 24.5635,
23.4264

■ 44.5344, 22.8986,
18.2889

■ 43.7890, 22.2796,
15.3527

Harmonies

Analogous

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



80.4870, 78.9711, 99.4149



82.0918, 78.9711, 89.5135



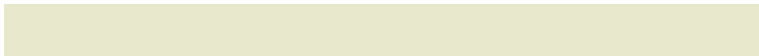
81.7668, 78.9711, 79.4048

Triad

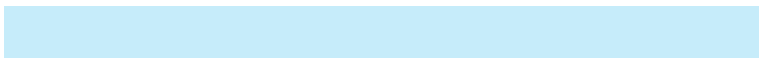
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0918, 78.9711, 89.5135



72.7250, 78.9711, 68.6404



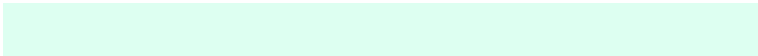
70.6835, 78.9711, 102.0805

Complementary

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



82.0918, 78.9711, 89.5135



81.4585, 93.2443, 96.9274

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.



68.7297, 78.9711, 92.9214



82.0918, 78.9711, 89.5135



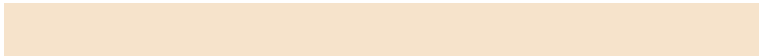
69.8820, 78.9711, 73.8246

Square

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



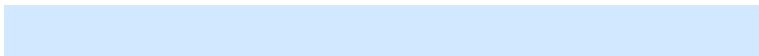
82.0918, 78.9711, 89.5135



76.2814, 78.9711, 67.8877



68.4410, 78.9711, 82.5526



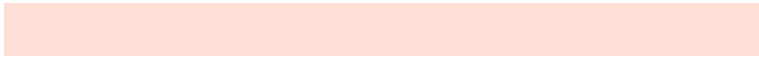
73.8510, 78.9711, 107.0452

Rectangle

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



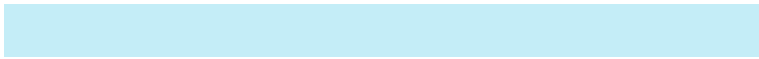
82.0918, 78.9711, 89.5135



80.5030, 78.9711, 73.8717



68.4410, 78.9711, 82.5526



69.8674, 78.9711, 99.3574

Sweetspot

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



82.0937, 78.9744, 89.5152



90.9307, 93.2834, 102.8349



80.1277, 77.6081, 105.3644



19.3019, 19.7046, 21.7719



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

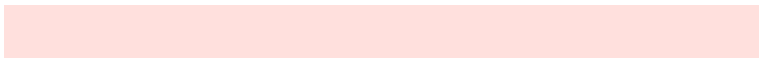
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0937, 78.9744, 89.5152



79.7607, 75.2238, 85.9152



80.9044, 79.7056, 79.5315



18.3194, 18.1111, 20.2993



22.9506, 11.6695, 8.3900



2.2873, 1.1573, 1.0946

Inverse Universe

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



82.0937, 78.9744, 89.5152



79.7607, 75.2238, 85.9152



82.7336, 92.3190, 108.0666



18.3194, 18.1111, 20.2993



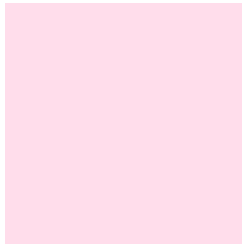
22.9506, 11.6695, 8.3900



2.2873, 1.1573, 1.0946

Previews

White Background



This preview shows how the XYZ color 82.0918, 78.9711, 89.5135 looks on a white background.

Color Contrast Check

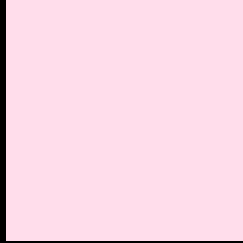
Large Text (above 18pt) WCAG AA × Fail

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 82.0918, 78.9711, 89.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

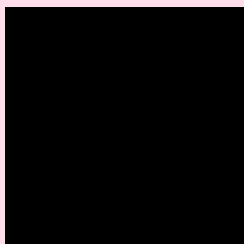
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0918, 78.9711, 89.5135

Background



This preview shows how black text looks on a background with the XYZ color 82.0918, 78.9711, 89.5135.



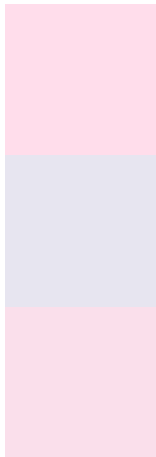
This preview shows how white text looks on a background with the XYZ color 82.0918, 78.9711,

89.5135.

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

82.0918, 78.9711, 89.5135

Protanopia

76.7025, 79.3188, 93.7055

Deuteranopia

80.8074, 79.0975, 89.6056



Tritanopia

82.5291, 79.1459, 91.8159

Trichromacy



Original Color

82.0918, 78.9711, 89.5135

Protanomaly

78.5642, 79.0910, 92.0142

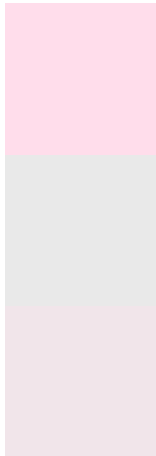
Deuteranomaly

81.2616, 78.9362, 89.5505

Tritanomaly

82.3825, 79.0873, 91.0441

Monochromacy



Original Color

82.0918, 78.9711, 89.5135

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.1462, 80.6799, 89.2432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0918, 78.9711, 89.5135 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, 221, 235) looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 235)  
}
```

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, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.0918, 78.9711, 89.5135 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, 221, 235) }
```


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

```
.border{ border-color:rgb(255, 221, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0918, 78.9711, 89.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 235) }
```

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

```
.background{ background-color: rgb(255,  
221, 235) }
```

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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