

Converting Colors

XYZ(83.0388, 80.8008, 90.0272)

Have a look what the booklet for
XYZ(83.0388, 80.8008, 90.0272)
contains.

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Color

**XYZ(82.8911, 80.5695,
89.7799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0EB
RGB	255, 224, 235
RGB Percent	100%, 88%, 92%
CMY	0.0000, 0.1215, 0.0784
CMYK	0.00, 0.12, 0.08, 0.00
HSL	339°, 100%, 94%
HSV	339°, 12%, 100%
XYZ	82.8911, 80.5695, 89.7799
YIQ	234.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

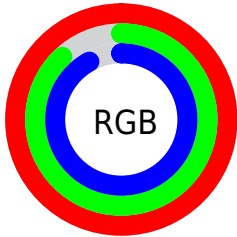
Format	Color
R _Y B	255, 224, 235
Decimal	16769259
CIE Lab	91.94, 12.45, -1.44
CIE LCh	92, 12.530, 353.397
Yxy	80.5695, 0.3273, 0.3182
Android (android.graphics.Color)	4294959339 (0xFFFFE0EB)
YUV	234.5230, 0.2352, 17.9583
Hunter-Lab	89.7605, 7.7584, 3.5296

Details

The XYZ color **82.8911, 80.5695, 89.7799** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8322, 93.9002, 99.3504**, and the grayscale version is **78.5951, 82.6882, 90.0474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6134, 43.6364, 48.6664** is the 20% darker color. If you saturate the color by 10%, you get **74.2767, 66.9706, 75.7181**, and if you desaturate by 10%, it is **92.7567, 96.3184, 105.3459**.

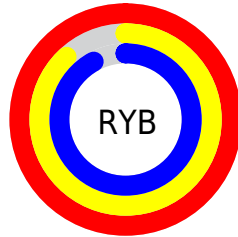
Distribution



Red (100%)

Green (88%)

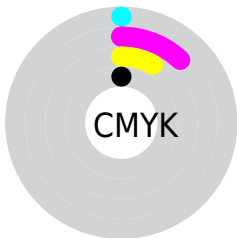
Blue (92%)



Red (100%)

Yellow (88%)

Blue (92%)

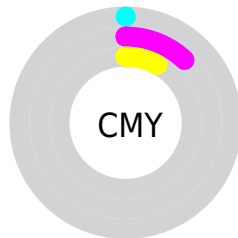


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8911, 80.5695, 89.7799 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 82.8911, 80.5695, 89.7799 by changing the saturation by 10% instead.

82.8911, 80.5695,
89.7799

82.8911, 80.5695,
89.7799

493.2129,
496.8500, 547.8662

62.4169, 60.1871,
67.2254

136.3522,
134.1661, 148.9655

45.6265, 43.5695,
48.8051

170.0699,
168.1491, 186.4337

32.1546, 30.3322,
34.1004

208.9328,
207.4345, 229.7101

21.6357, 20.0909,
22.6927

253.3063,
252.4066, 279.2135

13.7046, 12.4611,
14.1636

303.5557,
303.4498, 335.3622

7.9958, 7.0585,
8.0945

360.0463,

4.1441, 3.4987,

360.9485, 398.5749

4.0668

423.1436,
425.2871, 469.2701

■ 1.7839, 1.3973,
1.6621

■ 0.5080, 0.2147,
0.3346

■ 82.8911, 80.5695,
89.7799

■ 82.8911, 80.5695,
89.7799

■ 74.2767, 66.9706,
75.7181

■ 92.7567, 96.3184,
105.3459

■ 66.8566, 55.4182,
63.1088

95.0500, 100.0000,
108.9000

■ 60.5774, 45.8151,
51.9049

■ 55.3793, 38.0522,
42.0544

■ 51.1970, 32.0095,
33.5019

■ 47.9575, 27.5528,
26.1877

■ 45.5775, 24.5275,
20.0463

■ 43.9572, 22.7473,
15.0042

■ 43.1053, 22.0061,
11.7525

Harmonies

Analogous

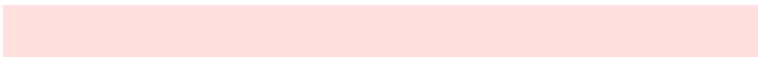
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6542, 80.5695, 98.7222



82.8911, 80.5695, 89.7799



82.3990, 80.5695, 80.8763

Triad

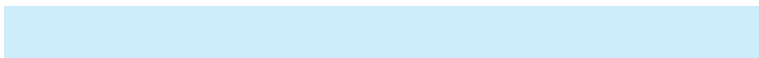
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8911, 80.5695, 89.7799



74.1481, 80.5695, 72.4477



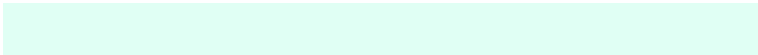
72.9485, 80.5695, 102.7347

Complementary

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



82.8911, 80.5695, 89.7799



82.8322, 93.9002, 99.3504

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.



71.0395, 80.5695, 94.9530



82.8911, 80.5695, 89.7799



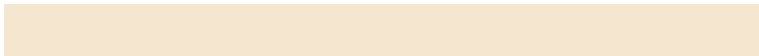
71.7184, 80.5695, 77.5791

Square

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



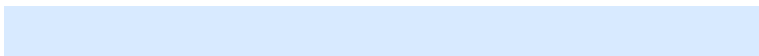
82.8911, 80.5695, 89.7799



77.2926, 80.5695, 71.2750



70.5956, 80.5695, 85.7046



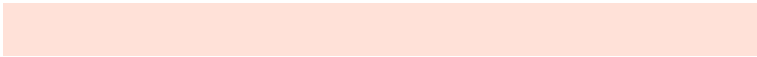
75.8696, 80.5695, 106.5326

Rectangle

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



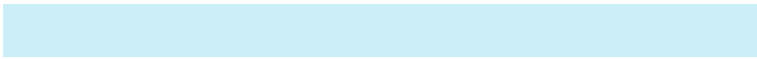
82.8911, 80.5695, 89.7799



81.1632, 80.5695, 76.1064



70.5956, 80.5695, 85.7046



72.1705, 80.5695, 100.4730

Sweetspot

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



82.8929, 80.5728, 89.7816



90.8402, 93.2472, 102.3585



81.8892, 79.7025, 105.6758



19.2790, 19.6954, 21.6515



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

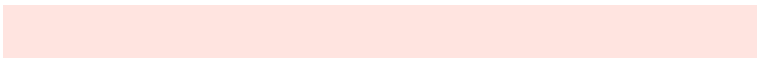
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8929, 80.5728, 89.7816



80.3163, 76.4881, 85.6290



82.4769, 82.2052, 82.0455



18.2755, 18.0935, 20.0681



22.5876, 11.5243, 6.4785



2.2490, 1.1420, 0.8925

Inverse Universe

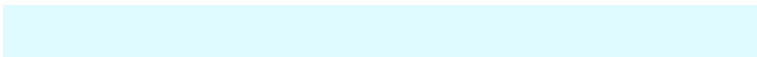
The Inverse Universe completely reimagines the original color for something new.



82.8929, 80.5728, 89.7816



80.3163, 76.4881, 85.6290



83.2481, 91.9798, 107.9740



18.2755, 18.0935, 20.0681



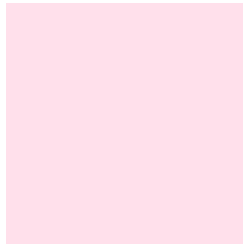
22.5876, 11.5243, 6.4785



2.2490, 1.1420, 0.8925

Previews

White Background



This preview shows how the XYZ color 82.8911, 80.5695, 89.7799 looks on a white background.

Color Contrast Check

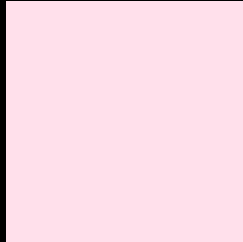
Large Text (above 18pt) WCAG AA × Fail

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 82.8911, 80.5695, 89.7799 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 82.8911, 80.5695, 89.7799

Background



This preview shows how black text looks on a background with the XYZ color 82.8911, 80.5695, 89.7799.



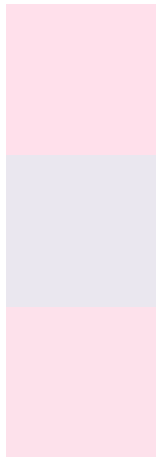
This preview shows how white text looks on a background with the XYZ color 82.8911, 80.5695,

89.7799.

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

82.8911, 80.5695, 89.7799

Protanopia

78.0876, 80.8762, 93.1564

Deuteranopia

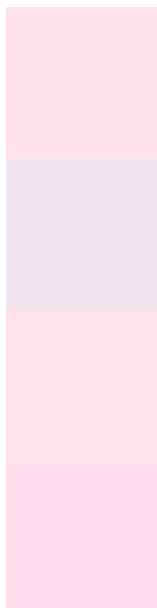
82.4286, 80.7312, 89.8355



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

82.8911, 80.5695, 89.7799

Protanomaly

79.7940, 80.5371, 92.2285

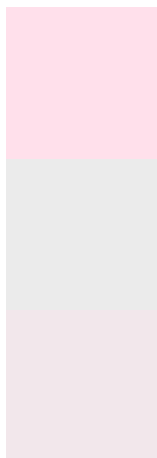
Deuteranomaly

82.7937, 80.9194, 89.8526

Tritanomaly

83.0603, 80.2084, 91.9929

Monochromacy



Original Color

82.8911, 80.5695, 89.7799

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.1893, 82.0272, 90.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8911, 80.5695, 89.7799 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, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.8911, 80.5695, 89.7799 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, 224, 235) }
```


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

```
.border{ border-color:rgb(255, 224, 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, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 235); box-shadow:4px 4px 4px 4px rgb(255, 224, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8911, 80.5695, 89.7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 235) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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