

Converting Colors

XYZ(107.2149, 93.0267,
90.1318)

Have a look what the booklet for
XYZ(107.2149, 93.0267, 90.1318)
contains.

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Color

**XYZ(82.7469, 80.5118,
89.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0EA
RGB	255, 224, 234
RGB Percent	100%, 88%, 92%
CMY	0.0000, 0.1215, 0.0823
CMYK	0.00, 0.12, 0.08, 0.00
HSL	341°, 100%, 94%
HSV	341°, 12%, 100%
XYZ	82.7469, 80.5118, 89.0210
YIQ	234.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

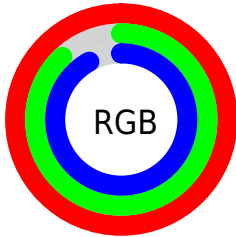
Format	Color
R _Y B	255, 224, 234
Decimal	16769258
CIE Lab	91.91, 12.28, -0.96
CIE LCh	92, 12.318, 355.552
Yxy	80.5118, 0.3280, 0.3191
Android (android.graphics.Color)	4294959338 (0xFFFFE0EA)
YUV	234.4090, -0.2016, 18.0583
Hunter-Lab	89.7284, 7.5869, 3.9873

Details

The XYZ color **82.7469, 80.5118, 89.0210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9844, 93.9611, 100.1523**, and the grayscale version is **78.5116, 82.6004, 89.9518**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5126, 43.5961, 48.1356** is the 20% darker color. If you saturate the color by 10%, you get **74.0386, 66.8754, 74.4644**, and if you desaturate by 10%, it is **92.7287, 96.3072, 105.1984**.

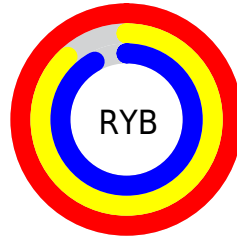
Distribution



Red (100%)

Green (88%)

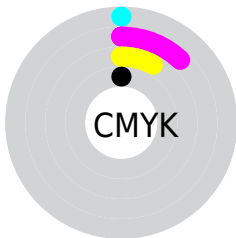
Blue (92%)



Red (100%)

Yellow (88%)

Blue (92%)

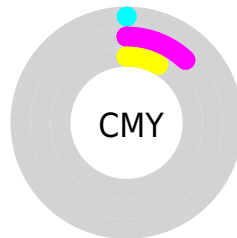


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7469, 80.5118, 89.0210 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 82.7469, 80.5118, 89.0210 by changing the saturation by 10% instead.


 82.7469, 80.5118,
89.0210

 82.7469, 80.5118,
89.0210


492.7393,
496.6560, 545.3287

 62.2976, 60.1396,
66.5998

136.1513,
134.0851, 147.9014

 45.5297, 43.5312,
48.2999


169.8371,
168.0549, 185.1977

 32.0779, 30.3021,
33.7028

208.6657,
207.3261, 228.2894

 21.5769, 20.0680,
22.3899

253.0026,
252.2830, 277.5951

 13.6612, 12.4445,
13.9426

303.2130,
303.3101, 333.5334

 7.9655, 7.0472,
7.9425

359.6624,

 4.1245, 3.4916,

360.7917, 396.5227

3.9709

422.7160,
425.1122, 466.9817

■ 1.7728, 1.3935,
1.6094

■ 0.5012, 0.2119,
0.2975

■ 82.7469, 80.5118,
89.0210

■ 82.7469, 80.5118,
89.0210

■ 74.0386, 66.8754,
74.4644

■ 92.7287, 96.3072,
105.1984

■ 66.5457, 55.2939,
61.4720

95.0500, 100.0000,
108.9000

■ 60.2139, 45.6697,
49.9911

■ 54.9824, 37.8934,
39.9642

■ 50.7845, 31.8445,
31.3295

■ 47.5460, 27.3882,
24.0208

■ 45.1823, 24.3694,
17.9651

■ 43.5920, 22.6012,
13.0809

■ 42.7720, 21.8728,
9.9976

Harmonies

Analogous

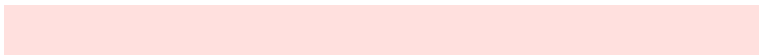
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6479, 80.5118, 97.8863



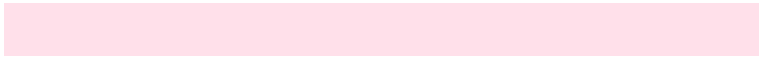
82.7469, 80.5118, 89.0210



82.1412, 80.5118, 80.3659

Triad

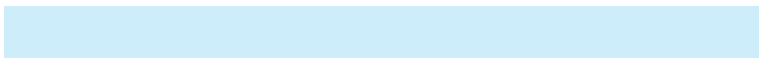
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7469, 80.5118, 89.0210



73.9315, 80.5118, 72.8744



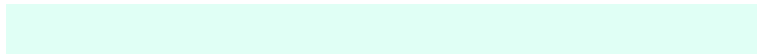
73.1363, 80.5118, 102.8203

Complementary

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



82.7469, 80.5118, 89.0210



82.9844, 93.9611, 100.1523

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.



71.1690, 80.5118, 95.3904



82.7469, 80.5118, 89.0210



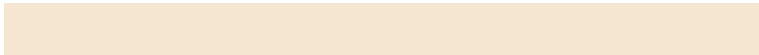
71.6192, 80.5118, 78.1787

Square

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



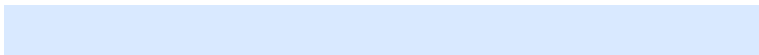
82.7469, 80.5118, 89.0210



76.9965, 80.5118, 71.4249



70.6213, 80.5118, 86.3202



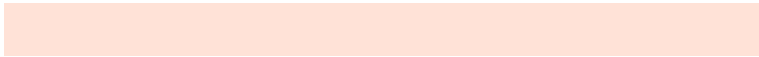
76.0535, 80.5118, 106.1941

Rectangle

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



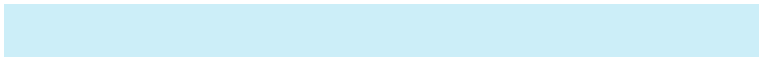
82.7469, 80.5118, 89.0210



80.8609, 80.5118, 75.8118



70.6213, 80.5118, 86.3202



72.3451, 80.5118, 100.6905

Sweetspot

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



82.7488, 80.5151, 89.0227



90.7891, 93.2267, 102.0892



82.2480, 79.8875, 105.6926



19.2661, 19.6903, 21.5835



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

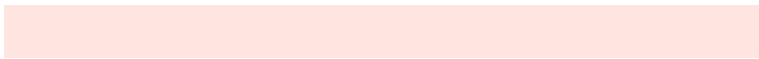
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7488, 80.5151, 89.0227



80.1433, 76.4188, 84.7177



82.7622, 82.7758, 82.1406



18.2508, 18.0836, 19.9379



22.4095, 11.4531, 5.5408



2.2294, 1.1341, 0.7896

Inverse Universe

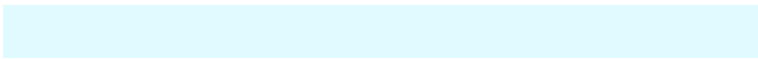
The Inverse Universe completely reimagines the original color for something new.



82.7488, 80.5151, 89.0227



80.1433, 76.4188, 84.7177



82.9265, 91.3366, 107.8668



18.2508, 18.0836, 19.9379



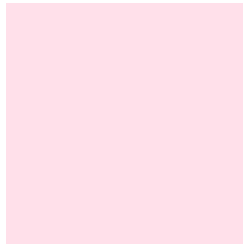
22.4095, 11.4531, 5.5408



2.2294, 1.1341, 0.7896

Previews

White Background



This preview shows how the XYZ color 82.7469, 80.5118, 89.0210 looks on a white background.

Color Contrast Check

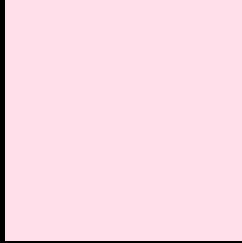
Large Text (above 18pt) WCAG AA × Fail

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 82.7469, 80.5118, 89.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

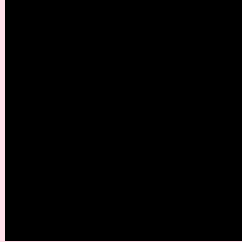
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7469, 80.5118, 89.0210

Background



This preview shows how black text looks on a background with the XYZ color 82.7469, 80.5118, 89.0210.



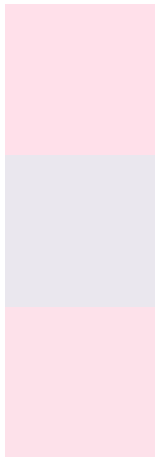
This preview shows how white text looks on a background with the XYZ color 82.7469, 80.5118,

89.0210.

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

82.7469, 80.5118, 89.0210

Protanopia

77.9402, 80.8173, 92.3803

Deuteranopia

82.2845, 80.6736, 89.0766



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

82.7469, 80.5118, 89.0210

Protanomaly

79.6474, 80.4785, 91.4568

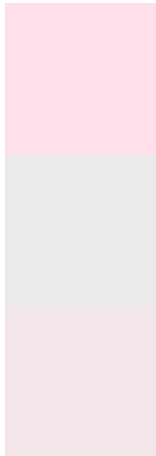
Deuteranomaly

82.6495, 80.8618, 89.0937

Tritanomaly

83.0603, 80.2084, 91.9929

Monochromacy



Original Color

82.7469, 80.5118, 89.0210

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.7660, 81.4114, 89.3517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7469, 80.5118, 89.0210 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 234) }
```

Border

The CSS property to change the border of an element to XYZ 82.7469, 80.5118, 89.0210 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, 234) }
```


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

```
.border{ border-color:rgb(255, 224, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7469, 80.5118, 89.0210 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
224, 234) }
```

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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