

Converting Colors

XYZ(82.7001, 83.0572, 89.3324)

Have a look what the booklet for
XYZ(82.7001, 83.0572, 89.3324)
contains.

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Color

**XYZ(82.5724, 82.8581,
89.4831)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6EA
RGB	250, 230, 234
RGB Percent	98%, 90%, 92%
CMY	0.0196, 0.0980, 0.0823
CMYK	0.00, 0.08, 0.06, 0.02
HSL	348°, 67%, 94%
HSV	348°, 8%, 98%
XYZ	82.5724, 82.8581, 89.4831
YIQ	236.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

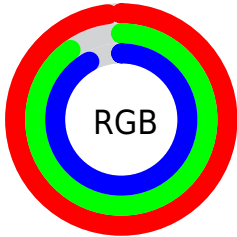
Format	Color
R _Y B	250, 230, 234
Decimal	16443114
CIE Lab	92.95, 7.47, 0.51
CIE LCh	93, 7.488, 3.919
Yxy	82.8581, 0.3239, 0.3250
Android (android.graphics.Color)	4294633194 (0xFFFAE6EA)
YUV	236.4360, -1.2009, 11.8956
Hunter-Lab	91.0264, 2.6257, 5.4337

Details

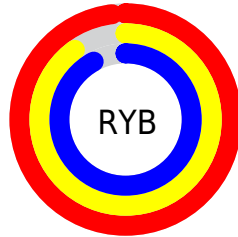
The XYZ color **82.5724, 82.8581, 89.4831** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4564, 91.8501, 100.5234**, and the grayscale version is **80.0681, 84.2378, 91.7350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3582, 45.2118, 48.4556** is the 20% darker color. If you saturate the color by 10%, you get **73.3947, 68.8445, 73.0366**, and if you desaturate by 10%, it is **93.0751, 99.0003, 107.9743**.

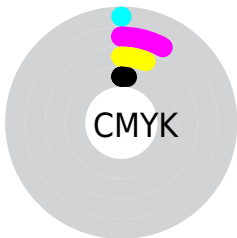
Distribution



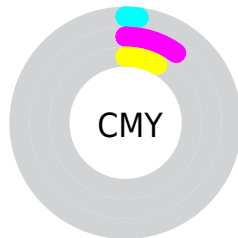
- Red (98%)
- Green (90%)
- Blue (92%)



- Red (98%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5724, 82.8581, 89.4831 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 82.5724, 82.8581, 89.4831 by changing the saturation by 10% instead.

 82.5724, 82.8581,
89.4831

 82.5724, 82.8581,
89.4831


492.1658,
504.5135, 546.8746

 62.1532, 62.0731,
66.9807


135.9081,
137.3767, 148.5494

 45.4125, 45.0918,
48.6075


169.5552,
171.8791, 185.9504

 31.9852, 31.5297,
33.9448


208.3424,
211.7227, 229.1548

 21.5057, 21.0025,
22.5742

252.6349,
257.2920, 278.5809

 13.6087, 13.1259,
14.0771

302.7981,
308.9713, 334.6474

 7.9289, 7.5153,
8.0349

359.1975,

 4.1009, 3.7864,

367.1451, 397.7729

4.0292

422.1983,
432.1977, 468.3757

■ 1.7594, 1.5548,
1.6414

■ 0.4930, 0.3268,
0.3201

■ 82.5724, 82.8581,
89.4831

■ 82.5724, 82.8581,
89.4831

■ 73.3947, 68.8445,
73.0366

■ 93.0751, 99.0003,
107.9743

■ 65.4840, 56.8637,
58.5593

■ 93.2348, 99.0642,
108.8150

■ 58.7859, 46.8243,
45.9783

■ 53.2396, 38.6235,
35.2142

■ 48.7786, 32.1491,
26.1816

■ 45.3297, 27.2767,
18.7882

■ 42.8103, 23.8647,
12.9330

■ 41.1241, 21.7470,
8.5029

■ 40.1441, 20.6989,
5.3650

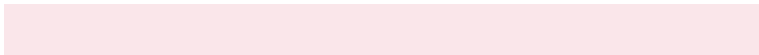
Harmonies

Analogous

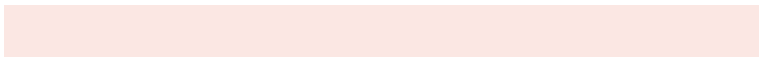
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1862, 82.8581, 95.0450



82.5724, 82.8581, 89.4831



81.9216, 82.8581, 84.3312

Triad

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



82.5724, 82.8581, 89.4831



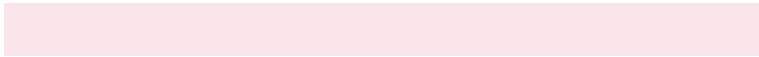
76.6708, 82.8581, 81.5588



77.1096, 82.8581, 100.2592

Complementary

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



82.5724, 82.8581, 89.4831



83.4564, 91.8501, 100.5234

Split Complementary

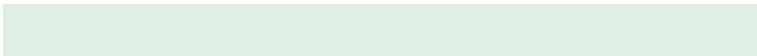
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6694, 82.8581, 96.3733



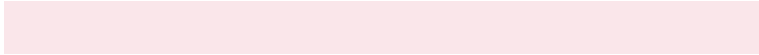
82.5724, 82.8581, 89.4831



75.4190, 82.8581, 85.5580

Square

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



82.5724, 82.8581, 89.4831



78.4970, 82.8581, 79.8776



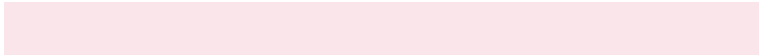
75.0554, 82.8581, 90.9577



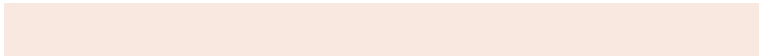
79.0119, 82.8581, 101.4152

Rectangle

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



82.5724, 82.8581, 89.4831



80.9935, 82.8581, 81.7773



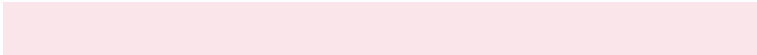
75.0554, 82.8581, 90.9577



76.5564, 82.8581, 99.2212

Sweetspot

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



82.5747, 82.8617, 89.4849



92.7944, 96.5290, 104.9412



83.5607, 83.0923, 102.0778



19.8855, 20.6975, 22.5033



0.0000, 0.0000, 0.0000



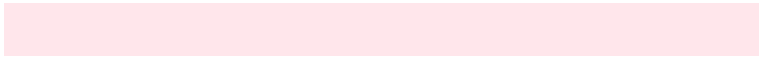
20.3446, 21.4041, 23.3091

Same Dimension

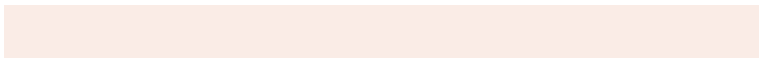
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5747, 82.8617, 89.4849



84.3349, 83.5505, 89.9733



83.7053, 86.0312, 87.0612



17.3864, 17.2819, 18.6245



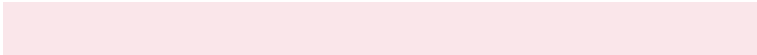
21.2571, 10.9186, 2.7963



2.0046, 1.0256, 0.4475

Inverse Universe

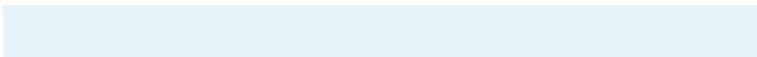
The Inverse Universe completely reimagines the original color for something new.



82.5747, 82.8617, 89.4849



84.3349, 83.5505, 89.9733



82.2420, 88.4291, 103.1774



17.3864, 17.2819, 18.6245



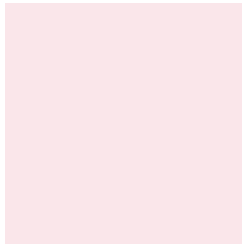
21.2571, 10.9186, 2.7963



2.0046, 1.0256, 0.4475

Previews

White Background



This preview shows how the XYZ color 82.5724, 82.8581, 89.4831 looks on a white background.

Color Contrast Check

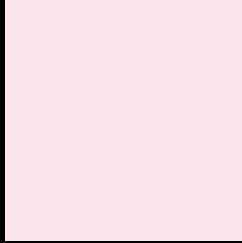
Large Text (above 18pt) WCAG AA × Fail

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 82.5724, 82.8581, 89.4831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

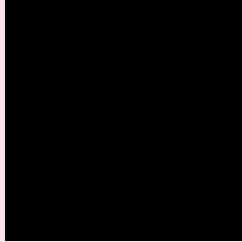
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

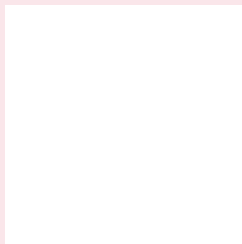
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5724, 82.8581, 89.4831

Background



This preview shows how black text looks on a background with the XYZ color 82.5724, 82.8581, 89.4831.



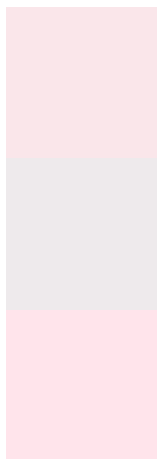
This preview shows how white text looks on a background with the XYZ color 82.5724, 82.8581,

89.4831.

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

82.5724, 82.8581, 89.4831

Protanopia

79.8230, 83.0789, 91.1856

Deuteranopia

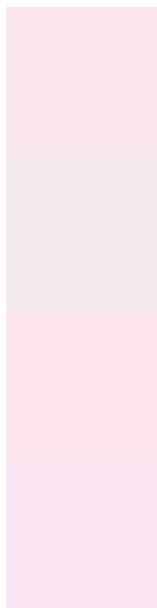
83.9788, 82.7450, 90.1425



Tritanopia

84.5228, 82.8361, 98.7229

Trichromacy



Original Color

82.5724, 82.8581, 89.4831

Protanomaly

80.7523, 83.1532, 90.3913

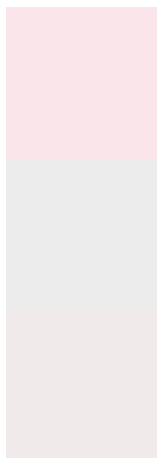
Deuteranomaly

83.5227, 82.9194, 90.2002

Tritanomaly

83.8300, 82.9587, 95.5987

Monochromacy



Original Color

82.5724, 82.8581, 89.4831

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6938, 83.5446, 90.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5724, 82.8581, 89.4831 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, 230, 234) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 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(250, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 234) }
```

Border

The CSS property to change the border of an element to XYZ 82.5724, 82.8581, 89.4831 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, 230, 234) }
```


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

```
.border{ border-color:rgb(250, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5724, 82.8581, 89.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 234) }
```

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

```
.background{ background-color: rgb(250,  
230, 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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