

Converting Colors

XYZ(81.0984, 81.8739, 89.5912)

Have a look what the booklet for
XYZ(81.0984, 81.8739, 89.5912)
contains.

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Color

**XYZ(80.8766, 81.5720,
89.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E5EA
RGB	246, 229, 234
RGB Percent	96%, 90%, 92%
CMY	0.0353, 0.1019, 0.0823
CMYK	0.00, 0.07, 0.05, 0.04
HSL	342°, 49%, 93%
HSV	342°, 7%, 96%
XYZ	80.8766, 81.5720, 89.3242
YIQ	234.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

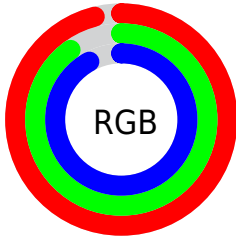
Format	Color
R _Y B	246, 229, 234
Decimal	16180714
CIE Lab	92.39, 6.62, -0.35
CIE LCh	92, 6.633, 356.938
Yxy	81.5720, 0.3212, 0.3240
Android (android.graphics.Color)	4294370794 (0xFFFF6E5EA)
YUV	234.6530, -0.3219, 9.9513
Hunter-Lab	90.3172, 1.7867, 4.5839

Details

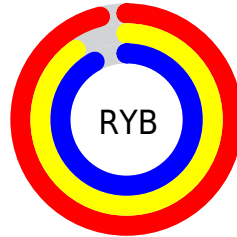
The XYZ color **80.8766, 81.5720, 89.3242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1491, 88.9224, 96.1102**, and the grayscale version is **78.7016, 82.8003, 90.1695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4071, 44.4336, 48.3555** is the 20% darker color. If you saturate the color by 10%, you get **72.1725, 67.9626, 74.7095**, and if you desaturate by 10%, it is **90.7945, 97.2153, 105.5525**.

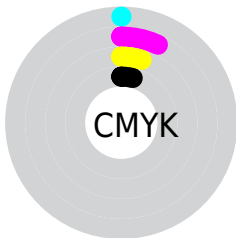
Distribution



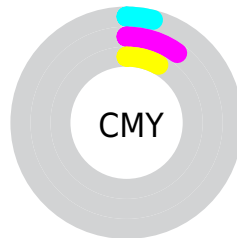
- Red (96%)
- Green (90%)
- Blue (92%)



- Red (96%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8766, 81.5720, 89.3242 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 80.8766, 81.5720, 89.3242 by changing the saturation by 10% instead.


 80.8766, 81.5720,
89.3242

 80.8766, 81.5720,
89.3242


486.5738,
500.2149, 546.3433

 60.7509, 61.0128,
66.8497


133.5415,
135.5736, 148.3266

 44.2760, 44.2355,
48.5017


166.8115,
169.7849, 185.6917

 31.0864, 30.8557,
33.8615


205.1936,
209.3156, 228.8573

 20.8168, 20.4890,
22.5107

249.0533,
254.5501, 278.2421

 13.1018, 12.7510,
14.0308

298.7557,
305.8730, 334.2645

 7.5762, 7.2573,
8.0031

354.6664,

 3.8745, 3.6235,

363.6684, 397.3432

4.0091

417.1506,
428.3210, 467.8966

■ 1.6314, 1.4653,
1.6303

■ 0.4127, 0.2641,
0.3123

■ 80.8766, 81.5720,
89.3242

■ 80.8766, 81.5720,
89.3242

■ 72.1725, 67.9626,
74.7095

■ 90.7945, 97.2153,
105.5525

■ 64.6279, 56.2929,
61.6527

■ 91.8164, 98.3330,
108.7487

■ 58.1946, 46.4773,
50.1025

■ 52.8182, 38.4192,
40.0030

■ 48.4398, 32.0137,
31.2942

■ 44.9941, 27.1443,
23.9121

■ 42.4079, 23.6792,
17.7869

■ 40.5963, 21.4643,
12.8415

■ 39.4527, 20.3036,
8.9873

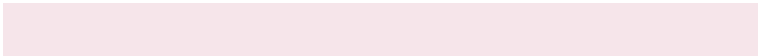
Harmonies

Analogous

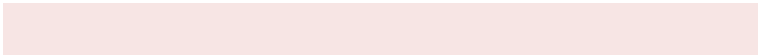
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3327, 81.5720, 94.0786



80.8766, 81.5720, 89.3242



80.5134, 81.5720, 84.6017

Triad

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



80.8766, 81.5720, 89.3242



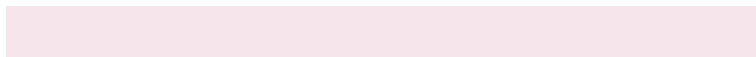
76.0452, 81.5720, 80.6500



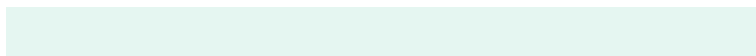
75.7440, 81.5720, 96.9831

Complementary

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



80.8766, 81.5720, 89.3242



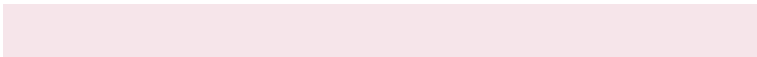
81.1491, 88.9224, 96.1102

Split Complementary

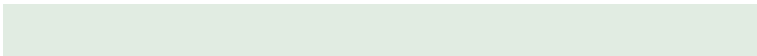
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6246, 81.5720, 93.1722



80.8766, 81.5720, 89.3242



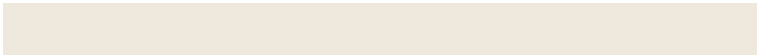
74.7967, 81.5720, 83.7574

Square

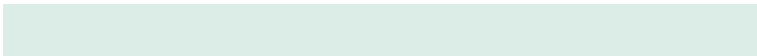
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8766, 81.5720, 89.3242



77.7083, 81.5720, 79.7040



74.2804, 81.5720, 88.3138



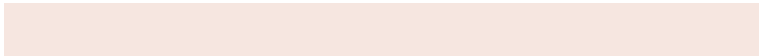
77.3555, 81.5720, 98.6017

Rectangle

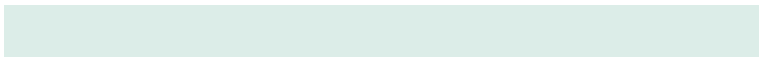
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8766, 81.5720, 89.3242



79.8086, 81.5720, 82.0852



74.2804, 81.5720, 88.3138



75.2986, 81.5720, 95.9093

Sweetspot

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



80.8789, 81.5756, 89.3260



92.8701, 96.5593, 105.3400



80.8981, 81.3794, 98.6337



19.9009, 20.7037, 22.5845



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

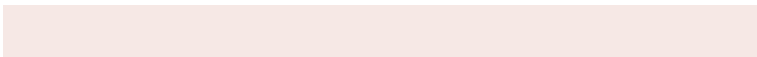
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8789, 81.5756, 89.3260



86.6509, 86.7746, 95.0856



81.1209, 83.1920, 85.9152



16.6995, 16.5627, 18.1642



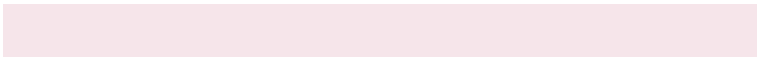
20.9690, 10.7310, 4.5451



1.8860, 0.9604, 0.6262

Inverse Universe

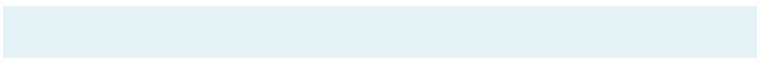
The Inverse Universe completely reimagines the original color for something new.



80.8789, 81.5756, 89.3260



86.6509, 86.7746, 95.0856



80.8814, 87.1762, 99.7535



16.6995, 16.5627, 18.1642



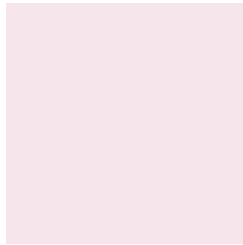
20.9690, 10.7310, 4.5451



1.8860, 0.9604, 0.6262

Previews

White Background



This preview shows how the XYZ color 80.8766, 81.5720, 89.3242 looks on a white background.

Color Contrast Check

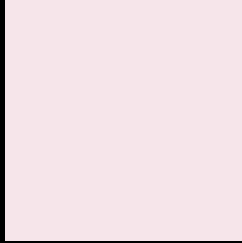
Large Text (above 18pt) WCAG AA × Fail

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 80.8766, 81.5720, 89.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

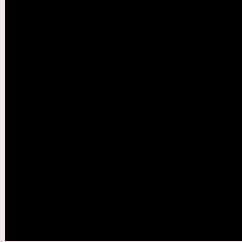
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8766, 81.5720, 89.3242

Background



This preview shows how black text looks on a background with the XYZ color 80.8766, 81.5720, 89.3242.



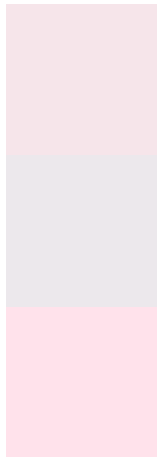
This preview shows how white text looks on a background with the XYZ color 80.8766, 81.5720,

89.3242.

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

80.8766, 81.5720, 89.3242

Protanopia

78.5890, 81.6022, 90.9656

Deuteranopia

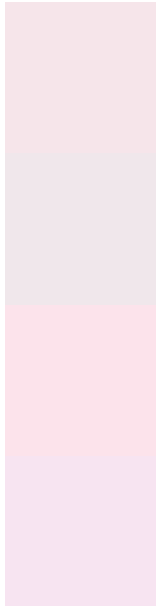
83.4318, 81.6509, 89.9601



Tritanopia

82.6619, 81.4872, 97.7581

Trichromacy



Original Color

80.8766, 81.5720, 89.3242

Protanomaly

79.5065, 81.6753, 90.1717

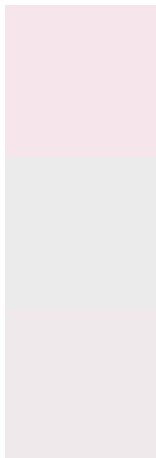
Deuteranomaly

82.6094, 81.6318, 89.9998

Tritanomaly

81.9784, 81.6118, 94.6510

Monochromacy



Original Color

80.8766, 81.5720, 89.3242

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.7309, 82.6267, 90.3435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8766, 81.5720, 89.3242 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(246, 229, 234) looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 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(246, 229, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 234) }
```

Border

The CSS property to change the border of an element to XYZ 80.8766, 81.5720, 89.3242 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(246, 229, 234) }
```


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

```
.border{ border-color:rgb(246, 229, 234) }
```

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

Here you see how a box with a 4 pixel rgb(246, 229, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 234);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8766, 81.5720, 89.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 234) }
```

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

```
.background{ background-color: rgb(246,  
229, 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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