

Converting Colors

XYZ(82.9212, 81.3202, 92.9873)

Have a look what the booklet for
XYZ(82.9212, 81.3202, 92.9873)
contains.

XYZ(82.9212, 81.3202, 92.9873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9212, 81.3202,
92.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE2EF
RGB	252, 226, 239
RGB Percent	99%, 89%, 94%
CMY	0.0118, 0.1137, 0.0627
CMYK	0.00, 0.10, 0.05, 0.01
HSL	330°, 81%, 94%
HSV	330°, 10%, 99%
XYZ	82.9212, 81.3202, 92.9873
YIQ	235.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

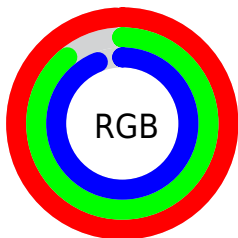
Format	Color
R _Y B	252, 226, 239
Decimal	16573167
CIE Lab	92.27, 11.06, -3.07
CIE LCh	92, 11.483, 344.484
Yxy	81.3202, 0.3224, 0.3161
Android (android.graphics.Color)	4294763247 (0xFFFC E2EF)
YUV	235.2560, 1.8458, 14.6845
Hunter-Lab	90.1777, 6.3253, 1.9872

Details

The XYZ color **82.9212, 81.3202, 92.9873** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.7575, 92.0236, 95.1190**, and the grayscale version is **79.1429, 83.2645, 90.6751**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6158, 44.1468, 50.9167** is the 20% darker color. If you saturate the color by 10%, you get **74.7691, 67.8915, 81.4028**, and if you desaturate by 10%, it is **92.2149, 96.8221, 105.5947**.

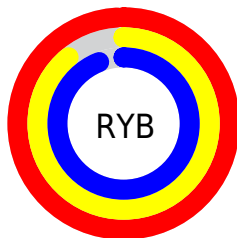
Distribution



Red (99%)

Green (89%)

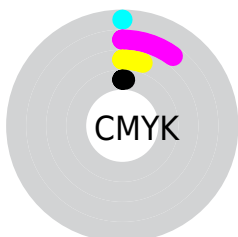
Blue (94%)



Red (99%)

Yellow (89%)

Blue (94%)

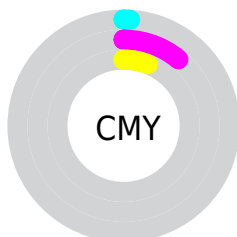


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9212, 81.3202, 92.9873 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 82.9212, 81.3202, 92.9873 by changing the saturation by 10% instead.


 82.9212, 81.3202,
92.9873

 82.9212, 81.3202,
92.9873


493.3118,
499.3709, 558.5202

 62.4418, 60.8053,
69.8733


136.3942,
135.2203, 153.4526

 45.6468, 44.0681,
50.9471


170.1185,
169.3743, 191.6410

 32.1706, 30.7240,
35.7901


208.9886,
208.8435, 235.6913

 21.6480, 20.3888,
23.9837

253.3697,
254.0123, 286.0220

 13.7137, 12.6780,
15.1094

303.6272,
305.2650, 343.0517

 8.0021, 7.2072,
8.7488

360.1265,

 4.1481, 3.5920,

362.9861, 407.1990

4.4831

423.2329,
427.5599, 478.8823

■ 1.7863, 1.4481,
1.8939

■ 0.5094, 0.2517,
0.4889

■ 82.9212, 81.3202,
92.9873

■ 82.9212, 81.3202,
92.9873

■ 74.7691, 67.8915,
81.4028

■ 92.2149, 96.8221,
105.5947

■ 67.7052, 56.4367,
70.8076

■ 93.9553, 99.4357,
108.8488

■ 61.6821, 46.8643,
61.1736

■ 56.6462, 39.0715,
52.4689

■ 52.5386, 32.9453,
44.6597

■ 49.2940, 28.3598,
37.7092

■ 46.8377, 25.1707,
31.5773

■ 45.0812, 23.2061,
26.2181

■ 43.9099, 22.2015,
21.7030

Harmonies

Analogous

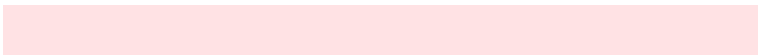
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3595, 81.3202, 100.7206



82.9212, 81.3202, 92.9873



82.9491, 81.3202, 84.5198

Triad

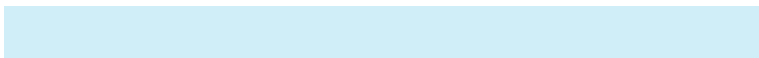
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9212, 81.3202, 92.9873



75.8742, 81.3202, 73.6470



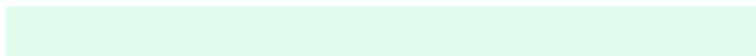
73.2930, 81.3202, 100.4938

Complementary

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



82.9212, 81.3202, 92.9873



81.7575, 92.0236, 95.1190

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.



71.8989, 81.3202, 92.6937



82.9212, 81.3202, 92.9873



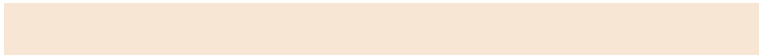
73.3632, 81.3202, 77.3904

Square

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



82.9212, 81.3202, 92.9873



78.8287, 81.3202, 73.7144



71.9243, 81.3202, 84.2443



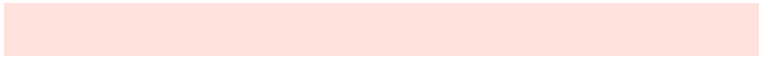
75.7762, 81.3202, 105.2397

Rectangle

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



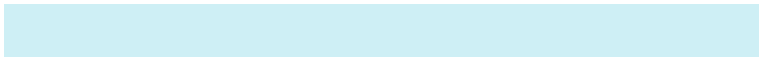
82.9212, 81.3202, 92.9873



82.0913, 81.3202, 79.6112



71.9243, 81.3202, 84.2443



72.6843, 81.3202, 98.1209

Sweetspot

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



82.9235, 81.3238, 92.9890



92.0480, 94.9718, 104.8909



80.3667, 79.7757, 103.2589



19.5343, 20.0474, 22.2251



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

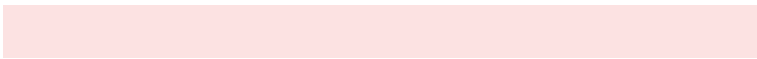
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9235, 81.3238, 92.9890



83.6866, 81.0599, 93.4381



81.0716, 80.5830, 83.2370



17.6065, 17.3700, 19.7837



22.9474, 11.5947, 11.6971



2.1788, 1.0953, 1.3651

Inverse Universe

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



82.9235, 81.3238, 92.9890



83.6866, 81.0599, 93.4381



83.7476, 92.8196, 105.5984



17.6065, 17.3700, 19.7837



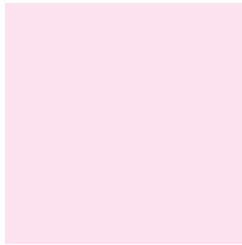
22.9474, 11.5947, 11.6971



2.1788, 1.0953, 1.3651

Previews

White Background



This preview shows how the XYZ color 82.9212, 81.3202, 92.9873 looks on a white background.

Color Contrast Check

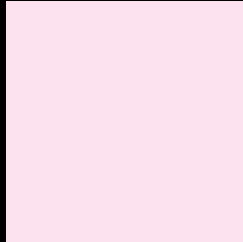
Large Text (above 18pt) WCAG AA × Fail

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 82.9212, 81.3202, 92.9873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

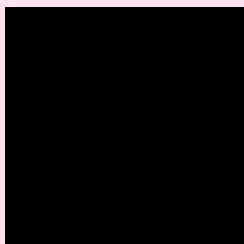
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9212, 81.3202, 92.9873

Background



This preview shows how black text looks on a background with the XYZ color 82.9212, 81.3202, 92.9873.



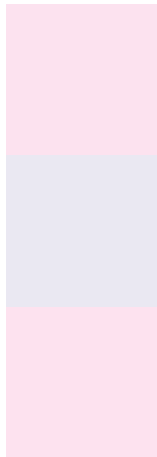
This preview shows how white text looks on a background with the XYZ color 82.9212, 81.3202,

92.9873.

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

82.9212, 81.3202, 92.9873

Protanopia

78.8153, 81.6165, 95.6039

Deuteranopia

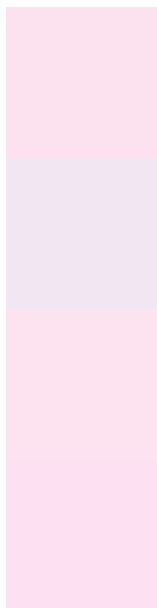
83.2844, 81.5074, 93.0043



Tritanopia

83.6109, 81.2041, 96.0612

Trichromacy



Original Color

82.9212, 81.3202, 92.9873

Protanomaly

80.4496, 81.6453, 94.7381

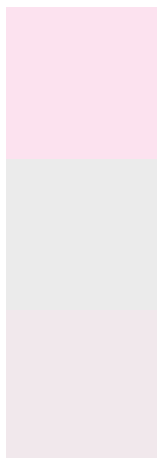
Deuteranomaly

83.2844, 81.5074, 93.0043

Tritanomaly

83.4602, 81.1439, 95.2679

Monochromacy



Original Color

82.9212, 81.3202, 92.9873

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.2726, 82.4701, 91.0444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9212, 81.3202, 92.9873 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(252, 226, 239) looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 239)  
}
```

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(252, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.9212, 81.3202, 92.9873 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(252, 226, 239) }
```


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

```
.border{ border-color:rgb(252, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9212, 81.3202, 92.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 239) }
```

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

```
.background{ background-color: rgb(252,  
226, 239) }
```

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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