

Converting Colors

XYZ(84.0743, 82.1343, 94.4340)

Have a look what the booklet for
XYZ(84.0743, 82.1343, 94.4340)
contains.

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Color

**XYZ(84.2193, 82.3599,
94.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE3F1
RGB	254, 227, 241
RGB Percent	100%, 89%, 95%
CMY	0.0039, 0.1098, 0.0549
CMYK	0.00, 0.11, 0.05, 0.00
HSL	329°, 93%, 94%
HSV	329°, 11%, 100%
XYZ	84.2193, 82.3599, 94.6773
YIQ	236.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

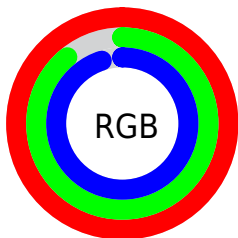
Format	Color
RYB	254, 227, 241
Decimal	16704497
CIELab	92.73, 11.56, -3.42
CIElCh	93, 12.060, 343.514
Yxy	82.3599, 0.3224, 0.3152
Android (android.graphics.Color)	4294894577 (0xFFFE3F1)
YUV	236.6690, 2.1352, 15.1993
Hunter-Lab	90.7524, 6.8336, 1.6724

Details

The XYZ color **84.2193, 82.3599, 94.6773** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8517, 93.5079, 96.1246**, and the grayscale version is **80.2217, 84.3994, 91.9110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5354, 44.8781, 52.1086** is the 20% darker color. If you saturate the color by 10%, you get **76.0124, 68.7717, 83.2284**, and if you desaturate by 10%, it is **93.5784, 98.0540, 107.1175**.

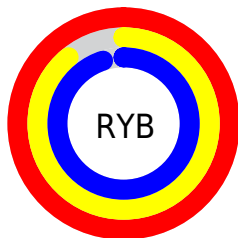
Distribution



Red (100%)

Green (89%)

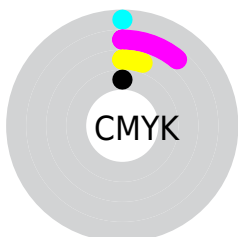
Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

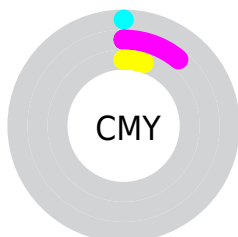


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2193, 82.3599, 94.6773 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 84.2193, 82.3599, 94.6773 by changing the saturation by 10% instead.


 84.2193, 82.3599,
94.6773

 84.2193, 82.3599,
94.6773


497.5639,
502.8507, 564.0893

 63.5168, 61.6622,
71.2710


138.2016,
136.6786, 155.8104

 46.5197, 44.7598,
52.0802


172.2121,
171.0684, 194.3744

 32.8624, 31.2683,
36.6863


211.3893,
210.7911, 238.8280

 22.1798, 20.8032,
24.6708

256.0987,
256.2310, 289.5897

 14.1064, 12.9803,
15.6152

306.7054,
307.7725, 347.0782

 8.2769, 7.4149,
9.1009

363.5750,

 4.3259, 3.7229,

365.8000, 411.7119

4.7093

427.0727,
430.6980, 483.9094

■ 1.8881, 1.5198,
2.0220

■ 0.5699, 0.3026,
0.5688

■ 84.2193, 82.3599,
94.6773

■ 84.2193, 82.3599,
94.6773

■ 76.0124, 68.7717,
83.2284

■ 93.5784, 98.0540,
107.1175

■ 68.9036, 57.1883,
72.7381

94.6835, 99.8111,
108.8828

■ 62.8448, 47.5161,
63.1791

■ 57.7813, 39.6503,
54.5207

■ 53.6535, 33.4754,
46.7300

■ 50.3947, 28.8625,
39.7714

■ 47.9288, 25.6643,
33.6056

■ 46.1653, 23.7040,
28.1879

■ 45.0169, 22.7284,
23.7314

Harmonies

Analogous

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



82.5156, 82.3599, 102.8213



84.2193, 82.3599, 94.6773



84.3045, 82.3599, 85.6921

Triad

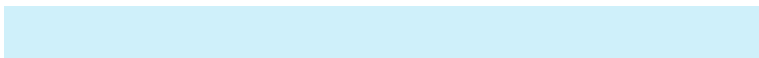
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2193, 82.3599, 94.6773



76.8769, 82.3599, 73.8791



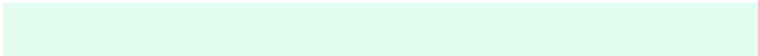
73.9795, 82.3599, 102.1277

Complementary

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



84.2193, 82.3599, 94.6773



82.8517, 93.5079, 96.1246

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.



72.5508, 82.3599, 93.7814



84.2193, 82.3599, 94.6773



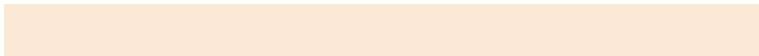
74.1931, 82.3599, 77.7016

Square

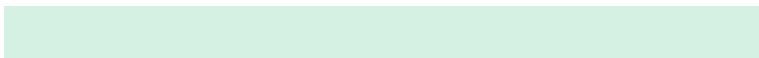
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



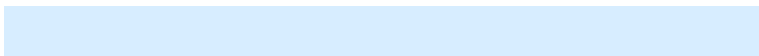
84.2193, 82.3599, 94.6773



80.0080, 82.3599, 74.0834



72.6279, 82.3599, 84.8539



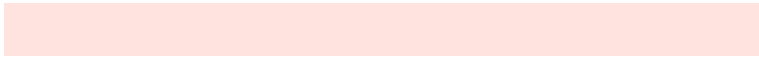
76.5783, 82.3599, 107.3158

Rectangle

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



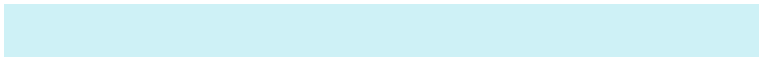
84.2193, 82.3599, 94.6773



83.4278, 82.3599, 80.4556



72.6279, 82.3599, 84.8539



73.3496, 82.3599, 99.5751

Sweetspot

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



84.2217, 82.3635, 94.6791



92.0704, 94.9808, 105.0087



81.1611, 80.5533, 105.0377



19.5403, 20.0498, 22.2569



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

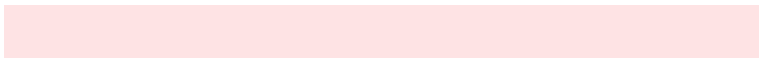
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2217, 82.3635, 94.6791



82.9068, 79.6571, 92.6952



82.3348, 81.6087, 84.7429



18.4026, 18.1444, 20.7375



23.8082, 12.0126, 12.9064



2.3734, 1.1917, 1.5475

Inverse Universe

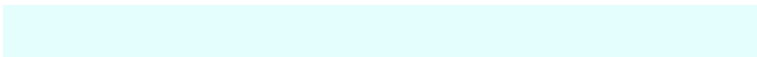
The Inverse Universe completely reimagines the original color for something new.



84.2217, 82.3635, 94.6791



82.9068, 79.6571, 92.6952



84.8685, 94.3146, 106.7447



18.4026, 18.1444, 20.7375



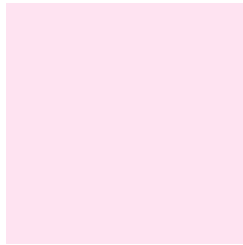
23.8082, 12.0126, 12.9064



2.3734, 1.1917, 1.5475

Previews

White Background



This preview shows how the XYZ color 84.2193, 82.3599, 94.6773 looks on a white background.

Color Contrast Check

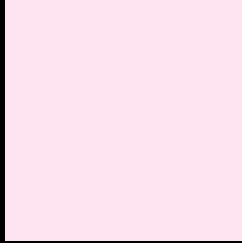
Large Text (above 18pt) WCAG AA × Fail

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 84.2193, 82.3599, 94.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

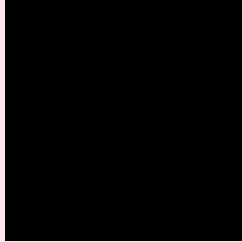
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.2193, 82.3599, 94.6773

Background



This preview shows how black text looks on a background with the XYZ color 84.2193, 82.3599, 94.6773.



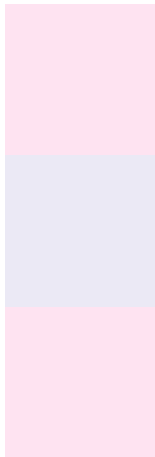
This preview shows how white text looks on a background with the XYZ color 84.2193, 82.3599,

94.6773.

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

84.2193, 82.3599, 94.6773

Protanopia

79.8813, 82.5326, 98.1064

Deuteranopia

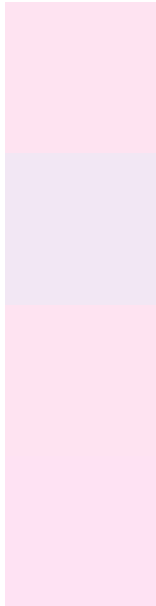
84.2193, 82.3599, 94.6773



Tritanopia

84.3985, 81.9952, 96.9663

Trichromacy



Original Color

84.2193, 82.3599, 94.6773

Protanomaly

81.5230, 82.5607, 97.2270

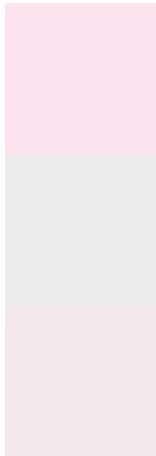
Deuteranomaly

84.2193, 82.3599, 94.6773

Tritanomaly

84.2471, 81.9346, 96.1687

Monochromacy



Original Color

84.2193, 82.3599, 94.6773

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5337, 83.5056, 92.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2193, 82.3599, 94.6773 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(254, 227, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 241)  
}
```

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(254, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 241) }
```

Border

The CSS property to change the border of an element to XYZ 84.2193, 82.3599, 94.6773 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(254, 227, 241) }
```


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

```
.border{ border-color:rgb(254, 227, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2193, 82.3599, 94.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 241) }
```

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

```
.background{ background-color: rgb(254,  
227, 241) }
```

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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