

Converting Colors

XYZ(82.3415, 78.3672, 92.9978)

Have a look what the booklet for
XYZ(82.3415, 78.3672, 92.9978)
contains.

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Color

**XYZ(82.2997, 78.2143,
93.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF0
RGB	255, 219, 240
RGB Percent	100%, 86%, 94%
CMY	0.0000, 0.1412, 0.0588
CMYK	0.00, 0.14, 0.06, 0.00
HSL	325°, 100%, 93%
HSV	325°, 14%, 100%
XYZ	82.2997, 78.2143, 93.1973
YIQ	232.1580, 14.7150, 14.1630

Conversions

Conversions Part 2

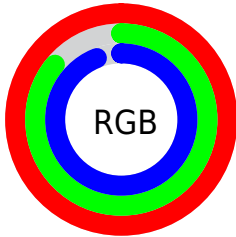
Format	Color
R _Y B	255, 219, 240
Decimal	16767984
CIE Lab	90.88, 15.89, -5.62
CIE LCh	91, 16.852, 340.512
Yxy	78.2143, 0.3244, 0.3083
Android (android.graphics.Color)	4294958064 (0xFFFFDBF0)
YUV	232.1580, 3.8661, 20.0324
Hunter-Lab	88.4388, 11.3411, -0.5729

Details

The XYZ color **82.2997, 78.2143, 93.1973** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8271, 92.5218, 91.4964**, and the grayscale version is **76.7859, 80.7847, 87.9746**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2159, 42.0174, 51.0744** is the 20% darker color. If you saturate the color by 10%, you get **74.6174, 65.3022, 83.0759**, and if you desaturate by 10%, it is **91.0970, 93.2078, 104.1485**.

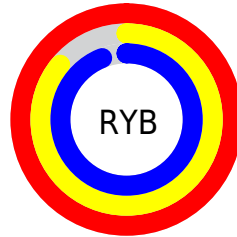
Distribution



Red (100%)

Green (86%)

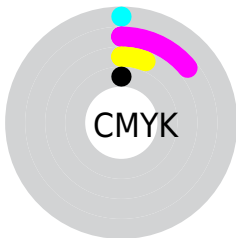
Blue (94%)



Red (100%)

Yellow (86%)

Blue (94%)

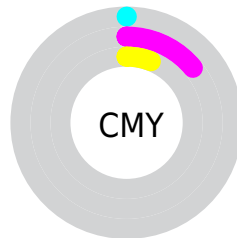


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2997, 78.2143, 93.1973 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 82.2997, 78.2143, 93.1973 by changing the saturation by 10% instead.


 82.2997, 78.2143,
93.1973

 82.2997, 78.2143,
93.1973


491.2689,
488.8943, 559.2138

 61.9276, 58.2500,
70.0469


135.5278,
130.8522, 153.7458

 45.2295, 42.0097,
51.0878


169.1145,
164.2946, 191.9810

 31.8403, 29.1089,
35.9012


207.8368,
202.9985, 236.0816

 21.3945, 19.1632,
24.0688

252.0600,
247.3483, 286.4661

 13.5268, 11.7883,
15.1720

302.1494,
297.7284, 343.5530

 7.8718, 6.5997,
8.7922

358.4705,

 4.0641, 3.2130,

354.5231, 407.7609

4.5110

421.3885,
418.1170, 479.5083

■ 1.7385, 1.2439,
1.9096

■ 0.4802, 0.0972,
0.4989

■ 82.2997, 78.2143,
93.1973

■ 82.2997, 78.2143,
93.1973

■ 74.6174, 65.3022,
83.0759

■ 91.0970, 93.2078,
104.1485

■ 67.9970, 54.3688,
73.7558

95.0500, 100.0000,
108.9000

■ 62.3889, 45.3171,
65.2136

■ 57.7373, 38.0381,
57.4224

■ 53.9805, 32.4114,
50.3534

■ 51.0495, 28.3015,
43.9748

■ 48.8642, 25.5512,
38.2511

■ 47.3270, 23.9682,
33.1404

■ 46.6443, 23.4217,
30.3887

Harmonies

Analogous

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



79.7671, 78.2143, 104.1898



82.2997, 78.2143, 93.1973



82.6539, 78.2143, 80.9701

Triad

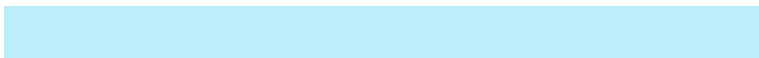
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2997, 78.2143, 93.1973



72.8619, 78.2143, 64.1928



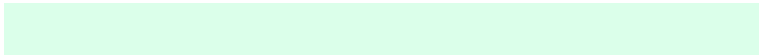
68.3086, 78.2143, 101.2598

Complementary

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



82.2997, 78.2143, 93.1973



79.8271, 92.5218, 91.4964

Split Complementary

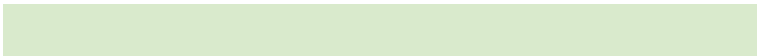
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6038, 78.2143, 89.4963



82.2997, 78.2143, 93.1973



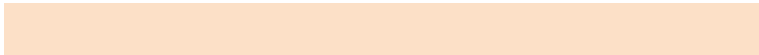
69.1655, 78.2143, 68.6046

Square

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



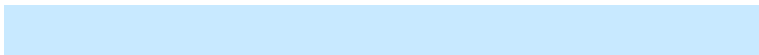
82.2997, 78.2143, 93.1973



77.0955, 78.2143, 64.9799



66.9115, 78.2143, 77.6025



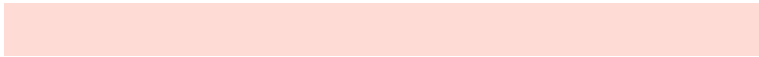
71.6516, 78.2143, 109.1423

Rectangle

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



82.2997, 78.2143, 93.1973



81.5929, 78.2143, 73.8415



66.9115, 78.2143, 77.6025



67.5308, 78.2143, 97.5843

Sweetspot

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



82.3015, 78.2175, 93.1989



91.2051, 93.3931, 104.2797



77.3159, 75.3791, 105.0824



19.3713, 19.7323, 22.1374



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.



82.3015, 78.2175, 93.1989



79.9728, 74.2829, 90.1950



79.7586, 77.2003, 79.8085



18.4538, 18.1648, 21.0068



24.4488, 12.2688, 16.2798



2.4350, 1.2164, 1.8720

Inverse Universe

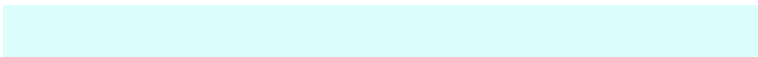
The Inverse Universe completely reimagines the original color for something new.



82.3015, 78.2175, 93.1989



79.9728, 74.2829, 90.1950



82.5460, 93.6093, 105.8136



18.4538, 18.1648, 21.0068



24.4488, 12.2688, 16.2798



2.4350, 1.2164, 1.8720

Previews

White Background



This preview shows how the XYZ color 82.2997, 78.2143, 93.1973 looks on a white background.

Color Contrast Check

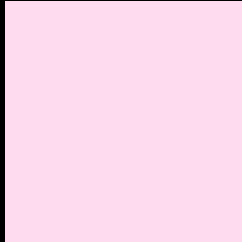
Large Text (above 18pt) WCAG AA × Fail

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 82.2997, 78.2143, 93.1973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

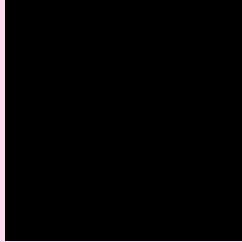
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2997, 78.2143, 93.1973

Background



This preview shows how black text looks on a background with the XYZ color 82.2997, 78.2143, 93.1973.



This preview shows how white text looks on a background with the XYZ color 82.2997, 78.2143,

93.1973.

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

82.2997, 78.2143, 93.1973

Protanopia

76.2197, 78.5734, 97.5352

Deuteranopia

80.0590, 78.2487, 92.5453



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

82.2997, 78.2143, 93.1973

Protanomaly

78.3628, 78.4986, 95.8156

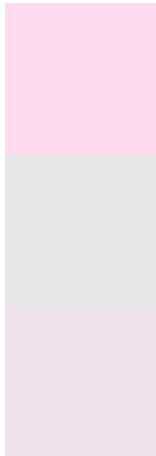
Deuteranomaly

80.8608, 78.2689, 92.5069

Tritanomaly

82.2658, 78.6194, 91.7281

Monochromacy



Original Color

82.2997, 78.2143, 93.1973

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.3997, 79.4616, 89.8028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2997, 78.2143, 93.1973 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, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 240)  
}
```

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, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.2997, 78.2143, 93.1973 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, 219, 240) }
```


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

```
.border{ border-color:rgb(255, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2997, 78.2143, 93.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 240) }
```

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

```
.background{ background-color: rgb(255,  
219, 240) }
```

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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