

Converting Colors

XYZ(82.6778, 78.8337, 93.7452)

Have a look what the booklet for
XYZ(82.6778, 78.8337, 93.7452)
contains.

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Color

**XYZ(82.7104, 78.7973,
94.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCF1
RGB	255, 220, 241
RGB Percent	100%, 86%, 95%
CMY	0.0000, 0.1372, 0.0549
CMYK	0.00, 0.14, 0.05, 0.00
HSL	324°, 100%, 93%
HSV	324°, 14%, 100%
XYZ	82.7104, 78.7973, 94.0692
YIQ	232.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

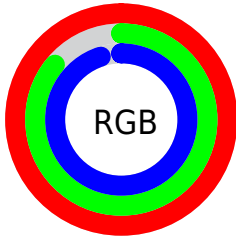
Format	Color
R_{YB}	255, 220, 241
Decimal	16768241
CIE _{Lab}	91.14, 15.54, -5.76
CIE _{LCh}	91, 16.568, 339.672
Yxy	78.7973, 0.3236, 0.3083
Android (android.graphics.Color)	4294958321 (0xFFFFDC _{F1})
YUV	232.8590, 4.0135, 19.4177
Hunter-Lab	88.7678, 10.9756, -0.6934

Details

The XYZ color **82.7104, 78.7973, 94.0692** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1289, 92.6773, 91.5106**, and the grayscale version is **77.3110, 81.3372, 88.5763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5008, 42.4188, 51.6884** is the 20% darker color. If you saturate the color by 10%, you get **75.0403, 65.8275, 84.2048**, and if you desaturate by 10%, it is **91.4902, 93.8492, 104.7266**.

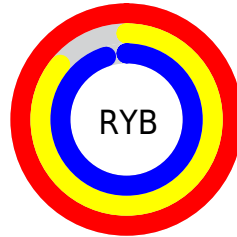
Distribution



Red (100%)

Green (86%)

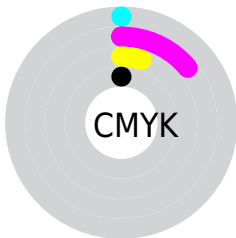
Blue (95%)



Red (100%)

Yellow (86%)

Blue (95%)

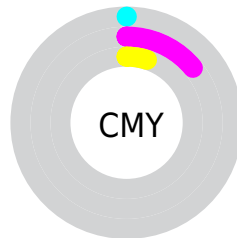


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7104, 78.7973, 94.0692 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 82.7104, 78.7973, 94.0692 by changing the saturation by 10% instead.


 82.7104, 78.7973,
94.0692

 82.7104, 78.7973,
94.0692


492.6194,
490.8703, 562.0889

 62.2674, 58.7292,
70.7679


136.1004,
131.6735, 154.9625

 45.5052, 42.3951,
51.6721


169.7781,
165.2503, 193.3917

 32.0585, 29.4108,
36.3634

208.5981,
204.0988, 237.7005

 21.5620, 19.3918,
24.4231

252.9257,
248.6034, 288.3075

 13.6502, 11.9537,
15.4326

303.1262,
299.1484, 345.6313

 7.9578, 6.7122,
8.9736

359.5652,

 4.1196, 3.2828,

356.1183, 410.0905

4.6274

422.6078,
419.8975, 482.1035

■ 1.7700, 1.2811,
1.9755

■ 0.4995, 0.1265,
0.5401

■ 82.7104, 78.7973,
94.0692

■ 82.7104, 78.7973,
94.0692

■ 75.0403, 65.8275,
84.2048

■ 91.4902, 93.8492,
104.7266

■ 68.4270, 54.8373,
75.1058

95.0500, 100.0000,
108.9000

■ 62.8213, 45.7303,
66.7498

■ 58.1677, 38.3977,
59.1112

■ 54.4052, 32.7199,
52.1622

■ 51.4651, 28.5621,
45.8724

■ 49.2682, 25.7681,
40.2076

■ 47.7178, 24.1477,
35.1274

■ 46.9892, 23.5597,
32.2050

Harmonies

Analogous

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



80.1592, 78.7973, 104.8211



82.7104, 78.7973, 94.0692



83.1251, 78.7973, 81.9765

Triad

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



82.7104, 78.7973, 94.0692



73.5484, 78.7973, 64.9922



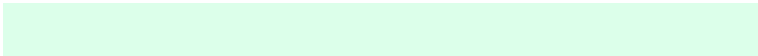
68.8597, 78.7973, 101.3944

Complementary

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



82.7104, 78.7973, 94.0692



80.1289, 92.6773, 91.5106

Split Complementary

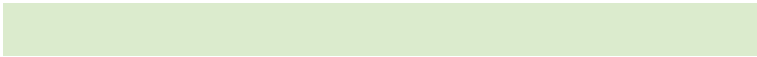
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2259, 78.7973, 89.7341



82.7104, 78.7973, 94.0692



69.8655, 78.7973, 69.2261

Square

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



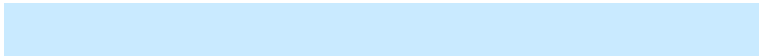
82.7104, 78.7973, 94.0692



77.7298, 78.7973, 65.9187



67.5871, 78.7973, 78.0243



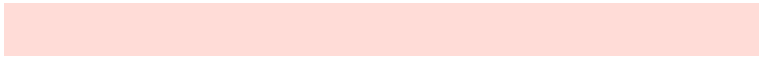
72.1289, 78.7973, 109.3164

Rectangle

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



82.7104, 78.7973, 94.0692



82.1189, 78.7973, 74.8686



67.5871, 78.7973, 78.0243



68.1067, 78.7973, 97.7399

Sweetspot

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



82.7122, 78.8005, 94.0709



91.2319, 93.4038, 104.4208



77.5776, 75.9026, 105.1696



19.3781, 19.7350, 22.1731



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

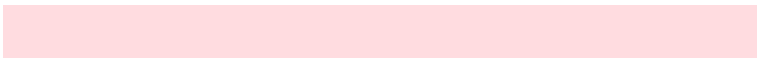
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7122, 78.8005, 94.0709



80.8698, 75.6675, 91.7559



80.2223, 77.8046, 80.9594



18.4670, 18.1701, 21.0763



24.6286, 12.3408, 17.2268



2.4520, 1.2232, 1.9617

Inverse Universe

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



82.7122, 78.8005, 94.0709



80.8698, 75.6675, 91.7559



82.7686, 93.7332, 105.4110



18.4670, 18.1701, 21.0763



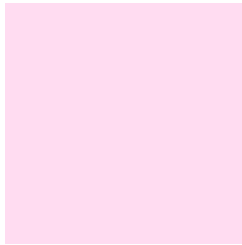
24.6286, 12.3408, 17.2268



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 82.7104, 78.7973, 94.0692 looks on a white background.

Color Contrast Check

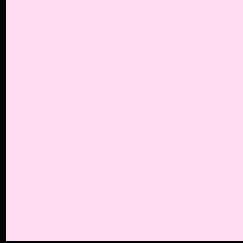
Large Text (above 18pt) WCAG AA × Fail

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 82.7104, 78.7973, 94.0692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

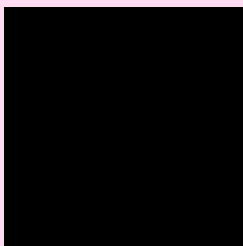
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7104, 78.7973, 94.0692

Background



This preview shows how black text looks on a background with the XYZ color 82.7104, 78.7973, 94.0692.



This preview shows how white text looks on a background with the XYZ color 82.7104, 78.7973,

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

82.7104, 78.7973, 94.0692

Protanopia

76.6911, 78.7986, 98.3564

Deuteranopia

80.4736, 78.8408, 93.4145



Tritanopia

82.5291, 79.1459, 91.8159

Trichromacy



Original Color

82.7104, 78.7973, 94.0692

Protanomaly

78.5142, 78.5592, 96.6133

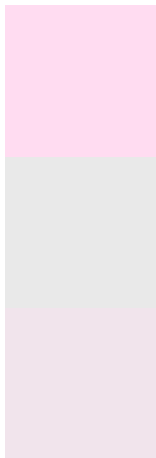
Deuteranomaly

81.2738, 78.8578, 93.3756

Tritanomaly

82.6764, 79.2049, 92.5919

Monochromacy



Original Color

82.7104, 78.7973, 94.0692

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.1594, 80.2437, 90.6733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7104, 78.7973, 94.0692 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, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 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(255, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.7104, 78.7973, 94.0692 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, 220, 241) }
```


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

```
.border{ border-color:rgb(255, 220, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7104, 78.7973, 94.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 241) }
```

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

```
.background{ background-color: rgb(255,  
220, 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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