

Converting Colors

XYZ(82.8603, 80.1211, 95.3594)

Have a look what the booklet for
XYZ(82.8603, 80.1211, 95.3594)
contains.

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Color

**XYZ(82.9227, 80.0688,
95.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDFF2
RGB	253, 223, 242
RGB Percent	99%, 87%, 95%
CMY	0.0078, 0.1255, 0.0510
CMYK	0.00, 0.12, 0.04, 0.01
HSL	322°, 88%, 93%
HSV	322°, 12%, 99%
XYZ	82.9227, 80.0688, 95.0887
YIQ	234.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

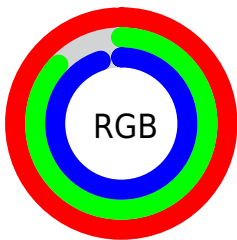
Format	Color
R _Y B	253, 223, 242
Decimal	16637938
CIE Lab	91.72, 13.47, -5.45
CIE LCh	92, 14.536, 337.966
Yxy	80.0688, 0.3213, 0.3102
Android (android.graphics.Color)	4294828018 (0xFFFDDFF2)
YUV	234.1360, 3.8770, 16.5437
Hunter-Lab	89.4812, 8.8249, -0.3687

Details

The XYZ color **82.9227, 80.0688, 95.0887** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.4111, 91.8812, 91.3430**, and the grayscale version is **78.2770, 82.3535, 89.6829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6305, 43.2862, 52.4045** is the 20% darker color. If you saturate the color by 10%, you get **75.3039, 67.0041, 85.8479**, and if you desaturate by 10%, it is **91.6268, 95.1887, 105.0420**.

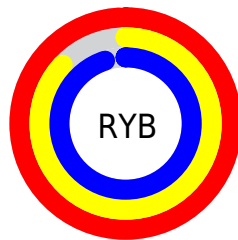
Distribution



Red (99%)

Green (87%)

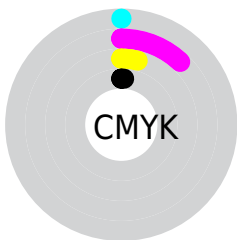
Blue (95%)



Red (99%)

Yellow (87%)

Blue (95%)

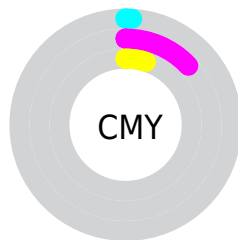


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9227, 80.0688, 95.0887 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 82.9227, 80.0688, 95.0887 by changing the saturation by 10% instead.


 82.9227, 80.0688,
95.0887

 82.9227, 80.0688,
95.0887


493.3167,
495.1647, 565.4405

 62.4431, 59.7750,
71.6115


136.3963,
133.4625, 156.3838

 45.6478, 43.2373,
52.3565


170.1209,
167.3311, 195.0387

 32.1714, 30.0713,
36.9051


208.9913,
206.4934, 239.5900

 21.6486, 19.8927,
24.8388

253.3728,
251.3339, 290.4562

 13.7141, 12.3171,
15.7391

303.6307,
302.2368, 348.0558

 8.0025, 6.9600,
9.1874

360.1305,

 4.1483, 3.4371,

359.5867, 412.8074

4.7651

423.2373,
423.7678, 485.1294

■ 1.7864, 1.3640,
2.0538

■ 0.5095, 0.1899,
0.5881

■ 82.9227, 80.0688,
95.0887

■ 82.9227, 80.0688,
95.0887

■ 75.3039, 67.0041,
85.8479

■ 91.6268, 95.1887,
105.0420

■ 68.7178, 55.8944,
77.2941

■ 94.3185, 99.6229,
108.8658

■ 63.1176, 46.6468,
69.4074

■ 58.4502, 39.1566,
62.1648

■ 54.6572, 33.3090,
55.5413

■ 51.6732, 28.9749,
49.5094

■ 49.4231, 26.0060,
44.0384

■ 47.8166, 24.2237,
39.0923

■ 46.8730, 23.4287,
35.4107

Harmonies

Analogous

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



80.5854, 80.0688, 104.3360



82.9227, 80.0688, 95.0887



83.4034, 80.0688, 84.3752

Triad

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



82.9227, 80.0688, 95.0887



75.1168, 80.0688, 68.4393



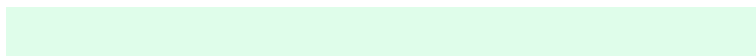
70.6059, 80.0688, 100.3905

Complementary

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



82.9227, 80.0688, 95.0887



80.4111, 91.8812, 91.3430

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.



69.2415, 80.0688, 90.0490



82.9227, 80.0688, 95.0887



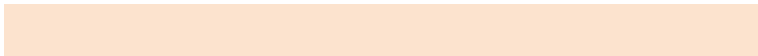
71.7900, 80.0688, 72.0183

Square

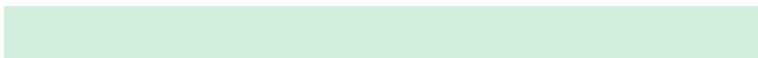
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



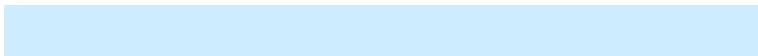
82.9227, 80.0688, 95.0887



78.8161, 80.0688, 69.5495



69.6678, 80.0688, 79.7249



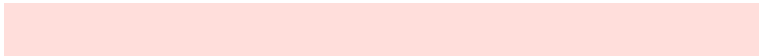
73.4528, 80.0688, 107.5664

Rectangle

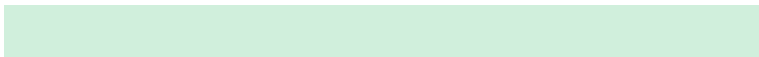
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9227, 80.0688, 95.0887



82.5922, 80.0688, 77.9299



69.6678, 80.0688, 79.7249



69.9629, 80.0688, 97.1373

Sweetspot

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



82.9250, 80.0723, 95.0904



91.2855, 93.4253, 104.7030



78.0522, 77.3636, 103.7486



19.3917, 19.7405, 22.2446



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

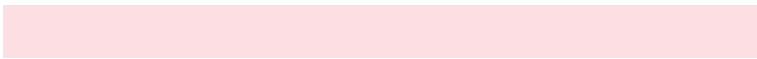
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9250, 80.0723, 95.0904



82.6631, 78.4850, 94.7243



80.7636, 79.2078, 83.7088



18.4935, 18.1807, 21.2158



25.0070, 12.4921, 19.2193



2.4875, 1.2374, 2.1485

Inverse Universe

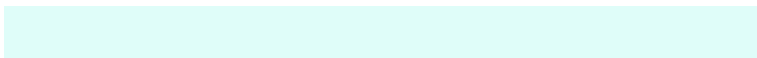
The Inverse Universe completely reimagines the original color for something new.



82.9250, 80.0723, 95.0904



82.6631, 78.4850, 94.7243



82.6582, 92.7800, 103.1760



18.4935, 18.1807, 21.2158



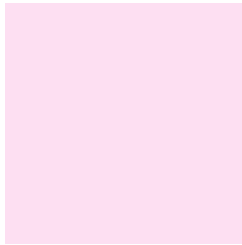
25.0070, 12.4921, 19.2193



2.4875, 1.2374, 2.1485

Previews

White Background



This preview shows how the XYZ color 82.9227, 80.0688, 95.0887 looks on a white background.

Color Contrast Check

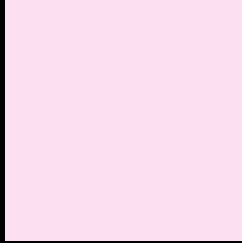
Large Text (above 18pt) WCAG AA × Fail

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 82.9227, 80.0688, 95.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

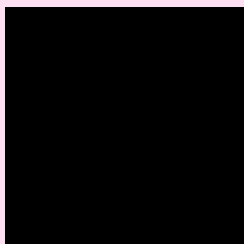
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9227, 80.0688, 95.0887

Background



This preview shows how black text looks on a background with the XYZ color 82.9227, 80.0688, 95.0887.



This preview shows how white text looks on a background with the XYZ color 82.9227, 80.0688,

95.0887.

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

82.9227, 80.0688, 95.0887

Protanopia

77.8864, 80.2364, 98.5709

Deuteranopia

81.7496, 79.8619, 95.1106



Tritanopia

82.7729, 80.0089, 94.2997

Trichromacy



Original Color

82.9227, 80.0688, 95.0887

Protanomaly

79.5471, 79.8815, 97.6123

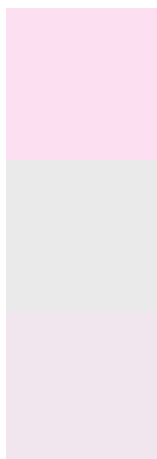
Deuteranomaly

82.1070, 80.0461, 95.1273

Tritanomaly

82.7729, 80.0089, 94.2997

Monochromacy



Original Color

82.9227, 80.0688, 95.0887

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.8585, 81.4088, 91.6252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9227, 80.0688, 95.0887 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(253, 223, 242) looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 242)  
}
```

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(253, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 242) }
```

Border

The CSS property to change the border of an element to XYZ 82.9227, 80.0688, 95.0887 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(253, 223, 242) }
```


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

```
.border{ border-color:rgb(253, 223, 242) }
```

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

Here you see how a box with a 4 pixel rgb(253, 223, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9227, 80.0688, 95.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 242) }
```

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

```
.background{ background-color: rgb(253,  
223, 242) }
```

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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