

Converting Colors

XYZ(82.6312, 79.5720, 95.6967)

Have a look what the booklet for
XYZ(82.6312, 79.5720, 95.6967)
contains.

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Color

**XYZ(82.4438, 79.4091,
95.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDEF3
RGB	252, 222, 243
RGB Percent	99%, 87%, 95%
CMY	0.0118, 0.1294, 0.0471
CMYK	0.00, 0.12, 0.04, 0.01
HSL	318°, 83%, 93%
HSV	318°, 12%, 99%
XYZ	82.4438, 79.4091, 95.7762
YIQ	233.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

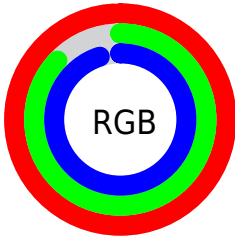
Format	Color
R _Y B	252, 222, 243
Decimal	16572147
CIE Lab	91.42, 13.83, -6.42
CIE LCh	91, 15.250, 335.086
Yxy	79.4091, 0.3200, 0.3082
Android (android.graphics.Color)	4294762227 (0xFFFCDEF3)
YUV	233.3640, 4.7505, 16.3438
Hunter-Lab	89.1118, 9.1977, -1.3459

Details

The XYZ color **82.4438, 79.4091, 95.7762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3615, 90.9220, 88.9726**, and the grayscale version is **77.6877, 81.7335, 89.0078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2940, 42.8274, 52.8930** is the 20% darker color. If you saturate the color by 10%, you get **75.1267, 66.5637, 87.8196**, and if you desaturate by 10%, it is **90.8129, 94.2808, 104.3173**.

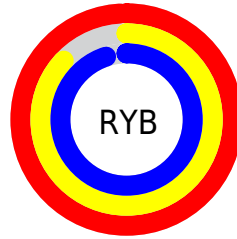
Distribution



Red (99%)

Green (87%)

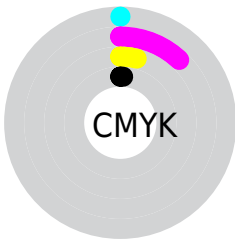
Blue (95%)



Red (99%)

Yellow (87%)

Blue (95%)

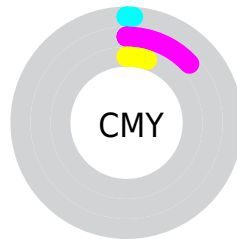


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4438, 79.4091, 95.7762 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 82.4438, 79.4091, 95.7762 by changing the saturation by 10% instead.


 82.4438, 79.4091,
95.7762

 82.4438, 79.4091,
95.7762


491.7430,
492.9392, 567.6946

 62.0468, 59.2322,
72.1807


135.7288,
132.5346, 157.3413

 45.3262, 42.8001,
52.8186


169.3474,
166.2521, 196.1480

 31.9168, 29.7283,
37.2712


208.1040,
205.2519, 240.8622

 21.4532, 19.6324,
25.1201

252.3638,
249.9183, 291.9025

 13.5700, 12.1282,
15.9467

302.4923,
300.6359, 349.6873

 7.9019, 6.8310,
9.3325

358.8547,

 4.0835, 3.3566,

357.7890, 414.6352

4.8589

421.8165,
421.7620, 487.1648

■ 1.7495, 1.3206,
2.1074

■ 0.4870, 0.1571,
0.6202

■ 82.4438, 79.4091,
95.7762

■ 82.4438, 79.4091,
95.7762

■ 75.1267, 66.5637,
87.8196

■ 90.8129, 94.2808,
104.3173

■ 68.8098, 55.6456,
80.4248

■ 93.9554, 99.4357,
108.8488

■ 63.4473, 46.5629,
73.5746

■ 58.9871, 39.2122,
67.2488

■ 55.3718, 33.4796,
61.4253

■ 52.5372, 29.2378,
56.0798

■ 50.4093, 26.3399,
51.1845

■ 48.8993, 24.6090,
46.7068

■ 48.0205, 23.8457,
43.3485

Harmonies

Analogous

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



79.8444, 79.4091, 105.1446



82.4438, 79.4091, 95.7762



83.1508, 79.4091, 84.5834

Triad

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



82.4438, 79.4091, 95.7762



74.8168, 79.4091, 66.8857



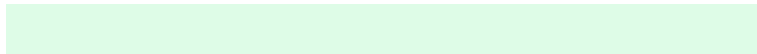
69.5363, 79.4091, 99.3302

Complementary

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



82.4438, 79.4091, 95.7762



79.3615, 90.9220, 88.9726

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.



68.2886, 79.4091, 88.3703



82.4438, 79.4091, 95.7762



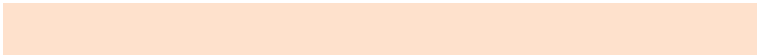
71.2698, 79.4091, 70.1367

Square

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



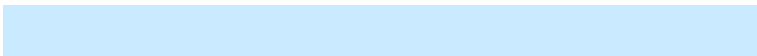
82.4438, 79.4091, 95.7762



78.6614, 79.4091, 68.5027



68.9122, 79.4091, 77.7740



72.3777, 79.4091, 107.3166

Rectangle

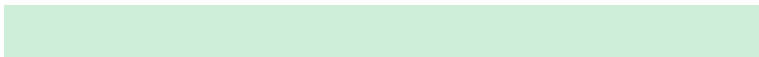
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4438, 79.4091, 95.7762



82.4338, 79.4091, 77.7199



68.9122, 79.4091, 77.7740



68.9211, 79.4091, 95.8384

Sweetspot

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



82.4461, 79.4126, 95.7779



91.3930, 93.4683, 105.2695



76.6502, 76.2638, 102.7770



19.4189, 19.7514, 22.3882



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.



82.4461, 79.4126, 95.7779



83.0228, 78.6289, 96.6189



80.2725, 78.5431, 84.3320



17.7582, 17.4306, 20.5823



25.0824, 12.4487, 22.9400



2.3699, 1.1717, 2.3711

Inverse Universe

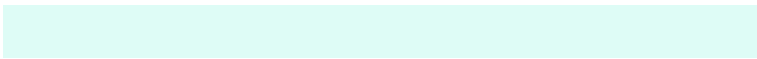
The Inverse Universe completely reimagines the original color for something new.



82.4461, 79.4126, 95.7779



83.0228, 78.6289, 96.6189



81.5717, 91.8061, 100.6117



17.7582, 17.4306, 20.5823



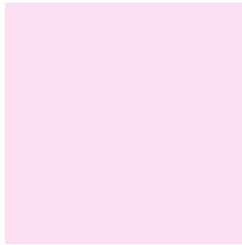
25.0824, 12.4487, 22.9400



2.3699, 1.1717, 2.3711

Previews

White Background



This preview shows how the XYZ color 82.4438, 79.4091, 95.7762 looks on a white background.

Color Contrast Check

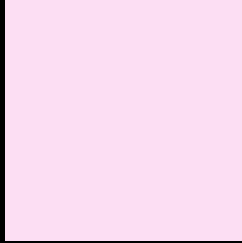
Large Text (above 18pt) WCAG AA × Fail

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 82.4438, 79.4091, 95.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

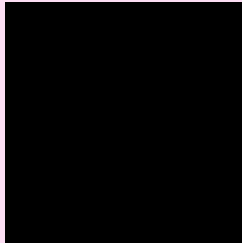
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.4438, 79.4091, 95.7762

Background



This preview shows how black text looks on a background with the XYZ color 82.4438, 79.4091, 95.7762.



This preview shows how white text looks on a background with the XYZ color 82.4438, 79.4091,

95.7762.

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

82.4438, 79.4091, 95.7762

Protanopia

77.4409, 79.5770, 99.2740

Deuteranopia

81.1911, 79.5565, 95.8707



Tritanopia

82.2607, 79.7621, 93.4981

Trichromacy



Original Color

82.4438, 79.4091, 95.7762

Protanomaly

79.0908, 79.2237, 98.3119

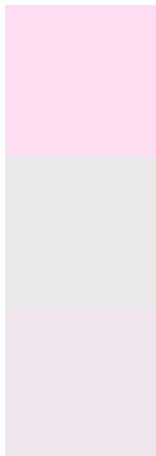
Deuteranomaly

81.6323, 79.3862, 95.8146

Tritanomaly

82.4097, 79.8217, 94.2828

Monochromacy



Original Color

82.4438, 79.4091, 95.7762

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.2406, 80.6783, 91.5168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4438, 79.4091, 95.7762 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, 222, 243)` looks like.

```
.text, #text, p{  
    color:rgb(252, 222, 243)  
}
```

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, 222, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 222, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.4438, 79.4091, 95.7762 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, 222, 243) }
```


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

```
.border{ border-color:rgb(252, 222, 243) }
```

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

Here you see how a box with a 4 pixel rgb(252, 222, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 222, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 222, 243);  
box-shadow:4px 4px 4px 4px rgb(252, 222,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4438, 79.4091, 95.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 222, 243) }
```

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

```
.background{ background-color: rgb(252,  
222, 243) }
```

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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