

Converting Colors

XYZ(122.4078, 100.0000,
92.7324)

Have a look what the booklet for
XYZ(122.4078, 100.0000, 92.7324)
contains.

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Color

**XYZ(82.6473, 79.6170,
91.1324)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDEED |
| RGB | 255, 222, 237 |
| RGB Percent | 100%, 87%, 93% |
| CMY | 0.0000, 0.1294, 0.0706 |
| CMYK | 0.00, 0.13, 0.07, 0.00 |
| HSL | 333°, 100%, 94% |
| HSV | 333°, 13%, 100% |
| XYZ | 82.6473, 79.6170, 91.1324 |
| YIQ | 233.5770, 14.8530, 11.6610 |

Conversions

Conversions Part 2

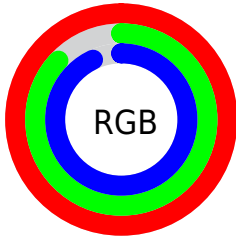
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 222, 237 |
| Decimal | 16768749 |
| CIE Lab | 91.51, 13.82, -3.11 |
| CIE LCh | 92, 14.166, 347.300 |
| Yxy | 79.6170, 0.3262, 0.3142 |
| Android (android.graphics.Color) | 4294958829 (0xFFFFDEED) |
| YUV | 233.5770, 1.6875, 18.7880 |
| Hunter-Lab | 89.2284, 9.1851, 1.9047 |

Details

The XYZ color **82.6473, 79.6170, 91.1324** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6149, 93.3421, 96.1569**, and the grayscale version is **77.8685, 81.9237, 89.2150**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4479, 42.9794, 49.6166** is the 20% darker color. If you saturate the color by 10%, you get **74.4258, 66.3012, 78.7511**, and if you desaturate by 10%, it is **92.0545, 95.0510, 104.6890**.

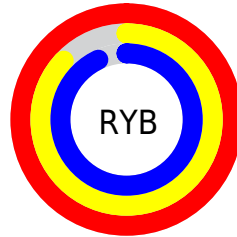
Distribution



Red (100%)

Green (87%)

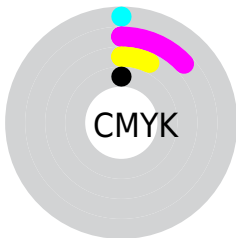
Blue (93%)



Red (100%)

Yellow (87%)

Blue (93%)

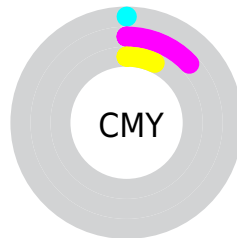


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6473, 79.6170, 91.1324 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 82.6473, 79.6170, 91.1324 by changing the saturation by 10% instead.


 82.6473, 79.6170,
91.1324

 82.6473, 79.6170,
91.1324


492.4120,
493.6412, 552.3725

 62.2152, 59.4032,
68.3412


136.0125,
132.8271, 150.8596

 45.4628, 42.9378,
49.7070


169.6762,
166.5923, 188.6327

 32.0250, 29.8363,
34.8111


208.4812,
205.6433, 232.2369

 21.5362, 19.7144,
23.2350

252.7927,
250.3647, 282.0906

 13.6312, 12.1876,
14.5602

302.9762,
301.1408, 338.6125

 7.9446, 6.8716,
8.3681

359.3971,

 4.1110, 3.3819,

358.3559, 402.2211

4.2403

422.4205,
422.3946, 473.3349

■ 1.7651, 1.3342,
1.7581

■ 0.4965, 0.1675,
0.4001

■ 82.6473, 79.6170,
91.1324

■ 82.6473, 79.6170,
91.1324

■ 74.4258, 66.3012,
78.7511

■ 92.0545, 95.0510,
104.6890

■ 67.3350, 55.0005,
67.5060

95.0500, 100.0000,
108.9000

■ 61.3238, 45.6182,
57.3630

■ 56.3346, 38.0454,
48.2840

■ 52.3045, 32.1624,
40.2284

■ 49.1629, 27.8347,
33.1522

■ 46.8286, 24.9073,
27.0068

■ 45.2041, 23.1919,
21.7372

■ 44.3863, 22.5185,
18.4981

Harmonies

Analogous

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



80.8891, 79.6170, 100.8779



82.6473, 79.6170, 91.1324



82.4945, 79.6170, 80.9124

Triad

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



82.6473, 79.6170, 91.1324



73.6286, 79.6170, 69.0648



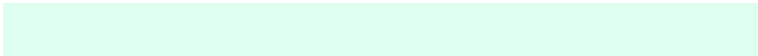
71.0643, 79.6170, 102.1312

Complementary

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



82.6473, 79.6170, 91.1324



81.6149, 93.3421, 96.1569

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.



69.2394, 79.6170, 92.7350



82.6473, 79.6170, 91.1324



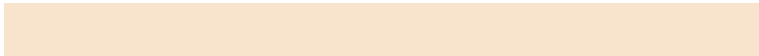
70.6872, 79.6170, 73.8978

Square

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



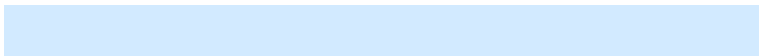
82.6473, 79.6170, 91.1324



77.2094, 79.6170, 68.7106



69.1036, 79.6170, 82.3932



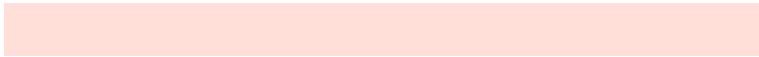
74.1582, 79.6170, 107.5590

Rectangle

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



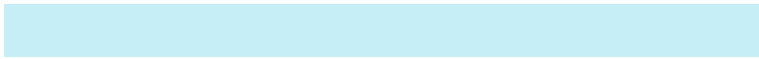
82.6473, 79.6170, 91.1324



81.3291, 79.6170, 75.1947



69.1036, 79.6170, 82.3932



70.2865, 79.6170, 99.2996

Sweetspot

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



82.6492, 79.6203, 91.1341



90.9989, 93.3106, 103.1939



79.9734, 77.9216, 105.4331



19.3191, 19.7115, 21.8627



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

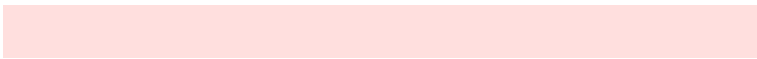
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6492, 79.6203, 91.1341



80.0085, 75.3230, 87.2205



80.8416, 79.3662, 80.1699



18.3526, 18.1244, 20.4742



23.2659, 11.7956, 10.0505



2.3196, 1.1702, 1.2643

Inverse Universe

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



82.6492, 79.6203, 91.1341



80.0085, 75.3230, 87.2205



83.5862, 93.5709, 108.2633



18.3526, 18.1244, 20.4742



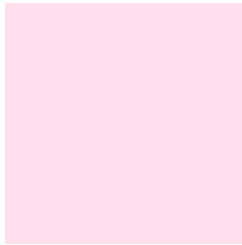
23.2659, 11.7956, 10.0505



2.3196, 1.1702, 1.2643

Previews

White Background



This preview shows how the XYZ color 82.6473, 79.6170, 91.1324 looks on a white background.

Color Contrast Check

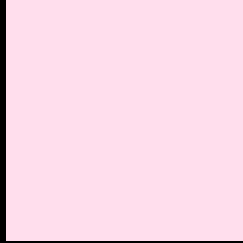
Large Text (above 18pt) WCAG AA × Fail

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 82.6473, 79.6170, 91.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

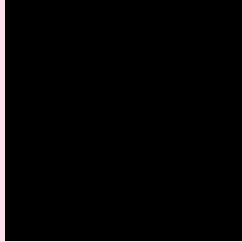
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6473, 79.6170, 91.1324

Background



This preview shows how black text looks on a background with the XYZ color 82.6473, 79.6170, 91.1324.



This preview shows how white text looks on a background with the XYZ color 82.6473, 79.6170,

91.1324.

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

82.6473, 79.6170, 91.1324

Protanopia

77.1752, 79.5453, 94.5053

Deuteranopia

81.3661, 79.7497, 91.2255



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

82.6473, 79.6170, 91.1324

Protanomaly

78.8597, 79.2092, 93.5706

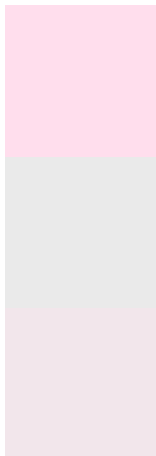
Deuteranomaly

81.8186, 79.5852, 91.1699

Tritanomaly

82.7939, 79.6756, 91.9041

Monochromacy



Original Color

82.6473, 79.6170, 91.1324

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.9102, 81.4690, 90.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6473, 79.6170, 91.1324 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, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 237)  
}
```

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, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.6473, 79.6170, 91.1324 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, 222, 237) }
```


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

```
.border{ border-color:rgb(255, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6473, 79.6170, 91.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 237) }
```

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

```
.background{ background-color: rgb(255,  
222, 237) }
```

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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