

Converting Colors

XYZ(82.4339, 78.8831, 92.0074)

Have a look what the booklet for
XYZ(82.4339, 78.8831, 92.0074)
contains.

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Color

**XYZ(82.2658, 78.6194,
91.7281)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCEE
RGB	255, 220, 238
RGB Percent	100%, 86%, 93%
CMY	0.0000, 0.1372, 0.0667
CMYK	0.00, 0.14, 0.07, 0.00
HSL	329°, 100%, 93%
HSV	329°, 14%, 100%
XYZ	82.2658, 78.6194, 91.7281
YIQ	232.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

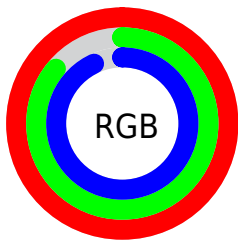
Format	Color
R _Y B	255, 220, 238
Decimal	16768238
CIE Lab	91.06, 15.03, -4.30
CIE LCh	91, 15.631, 344.027
Yxy	78.6194, 0.3257, 0.3112
Android (android.graphics.Color)	4294958318 (0xFFFFDCEE)
YUV	232.5170, 2.7031, 19.7176
Hunter-Lab	88.6676, 10.4441, 0.7308

Details

The XYZ color **82.2658, 78.6194, 91.7281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5637, 92.8512, 93.8001**, and the grayscale version is **77.0632, 81.0765, 88.2923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1873, 42.2934, 50.0378** is the 20% darker color. If you saturate the color by 10%, you get **74.3192, 65.5390, 80.4079**, and if you desaturate by 10%, it is **91.3619, 93.7978, 104.0514**.

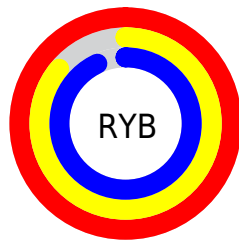
Distribution



Red (100%)

Green (86%)

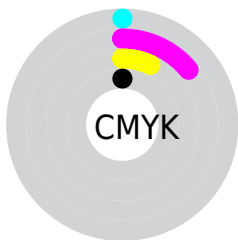
Blue (93%)



Red (100%)

Yellow (86%)

Blue (93%)

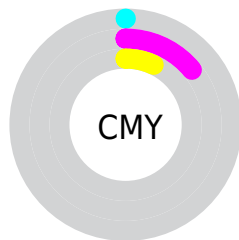


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2658, 78.6194, 91.7281 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 82.2658, 78.6194, 91.7281 by changing the saturation by 10% instead.


 82.2658, 78.6194,
91.7281

 82.2658, 78.6194,
91.7281


491.1574,
490.2678, 554.3509

 61.8995, 58.5829,
68.8330


135.4806,
131.4229, 151.6929

 45.2068, 42.2775,
50.1048


169.0597,
164.9588, 189.5998

 31.8223, 29.3186,
35.1249


207.7739,
203.7632, 233.3476

 21.3807, 19.3220,
23.4748

251.9885,
248.2206, 283.3550

 13.5166, 11.9032,
14.7359

302.0687,
298.7154, 340.0405

 7.8647, 6.6778,
8.4897

358.3801,

 4.0596, 3.2614,

355.6319, 403.8226

4.3176

421.2878,
419.3546, 475.1199

■ 1.7359, 1.2697,
1.8012

■ 0.4786, 0.1175,
0.4287

■ 82.2658, 78.6194,
91.7281

■ 82.2658, 78.6194,
91.7281

■ 74.3192, 65.5390,
80.4079

■ 91.3619, 93.7978,
104.0514

■ 67.4683, 54.4538,
70.0573

95.0500, 100.0000,
108.9000

■ 61.6625, 45.2667,
60.6479

■ 56.8453, 37.8687,
52.1476

■ 52.9543, 32.1395,
44.5220

■ 49.9196, 27.9438,
37.7338

■ 47.6604, 25.1250,
31.7413

■ 46.0788, 23.4921,
26.4965

■ 45.3457, 22.9023,
23.5505

Harmonies

Analogous

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



80.1279, 78.6194, 102.2106



82.2658, 78.6194, 91.7281



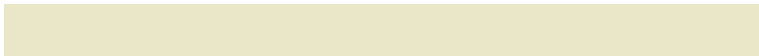
82.3370, 78.6194, 80.4398

Triad

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



82.2658, 78.6194, 91.7281



72.9000, 78.6194, 66.1908



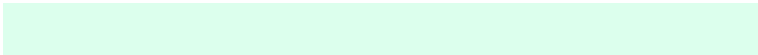
69.3976, 78.6194, 101.6239

Complementary

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



82.2658, 78.6194, 91.7281



80.5637, 92.8512, 93.8001

Split Complementary

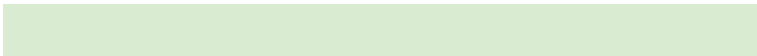
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.5979, 78.6194, 90.9829



82.2658, 78.6194, 91.7281



69.5713, 78.6194, 70.8997

Square

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



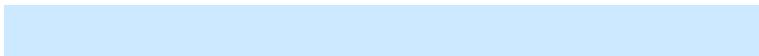
82.2658, 78.6194, 91.7281



76.8345, 78.6194, 66.3520



67.6604, 78.6194, 79.7571



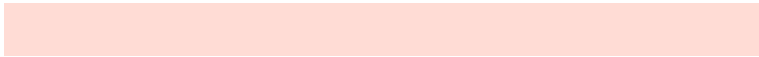
72.6552, 78.6194, 108.2584

Rectangle

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



82.2658, 78.6194, 91.7281



81.1968, 78.6194, 74.0017



67.6604, 78.6194, 79.7571



68.6073, 78.6194, 98.3579

Sweetspot

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



82.2676, 78.6226, 91.7298



91.0944, 93.3488, 103.6967



78.5430, 76.4002, 105.2148



19.3433, 19.7211, 21.9898



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

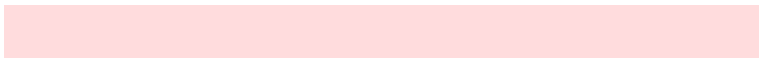
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2676, 78.6226, 91.7298



80.3588, 75.4631, 89.0651



79.8312, 77.6481, 78.8999



18.3993, 18.1431, 20.7201



23.7699, 11.9973, 12.7049



2.3696, 1.1902, 1.5278

Inverse Universe

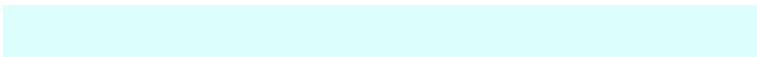
The Inverse Universe completely reimagines the original color for something new.



82.2676, 78.6226, 91.7298



80.3588, 75.4631, 89.0651



83.2332, 93.9190, 107.8576



18.3993, 18.1431, 20.7201



23.7699, 11.9973, 12.7049



2.3696, 1.1902, 1.5278

Previews

White Background



This preview shows how the XYZ color 82.2658, 78.6194, 91.7281 looks on a white background.

Color Contrast Check

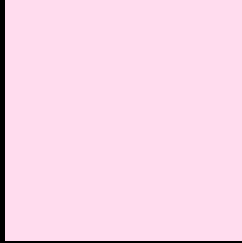
Large Text (above 18pt) WCAG AA × Fail

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 82.2658, 78.6194, 91.7281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

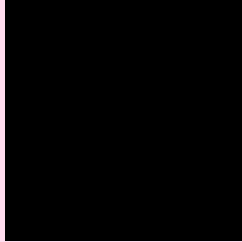
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2658, 78.6194, 91.7281

Background



This preview shows how black text looks on a background with the XYZ color 82.2658, 78.6194, 91.7281.



This preview shows how white text looks on a background with the XYZ color 82.2658, 78.6194,

91.7281.

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

82.2658, 78.6194, 91.7281

Protanopia

76.5542, 78.7809, 95.9654

Deuteranopia

80.5317, 78.9049, 91.8746



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

82.2658, 78.6194, 91.7281

Protanomaly

78.3990, 78.5520, 94.2491

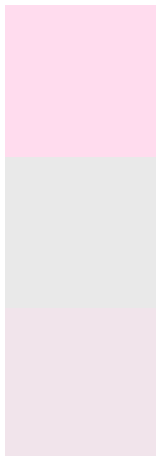
Deuteranomaly

81.3376, 78.9248, 91.8360

Tritanomaly

82.1193, 78.5608, 90.9564

Monochromacy



Original Color

82.2658, 78.6194, 91.7281

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.0144, 80.1857, 89.9101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2658, 78.6194, 91.7281 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.2658, 78.6194, 91.7281 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, 238) }
```


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

```
.border{ border-color:rgb(255, 220, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2658, 78.6194, 91.7281 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
220, 238) }
```

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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