

Converting Colors

XYZ(81.7625, 78.1248, 89.9821)

Have a look what the booklet for
XYZ(81.7625, 78.1248, 89.9821)
contains.

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Color

**XYZ(81.7118, 77.9792,
90.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBEC
RGB	255, 219, 236
RGB Percent	100%, 86%, 93%
CMY	0.0000, 0.1412, 0.0745
CMYK	0.00, 0.14, 0.07, 0.00
HSL	332°, 100%, 93%
HSV	332°, 14%, 100%
XYZ	81.7118, 77.9792, 90.1017
YIQ	231.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

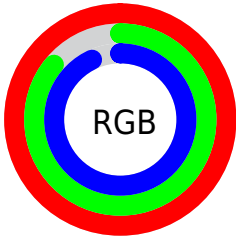
Format	Color
R _Y B	255, 219, 236
Decimal	16767980
CIE Lab	90.77, 15.21, -3.68
CIE LCh	91, 15.650, 346.397
Yxy	77.9792, 0.3271, 0.3122
Android (android.graphics.Color)	4294958060 (0xFFFFDBEC)
YUV	231.7020, 2.1189, 20.4323
Hunter-Lab	88.3058, 10.6357, 1.3183

Details

The XYZ color **81.7118, 77.9792, 90.1017** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.4086, 92.7543, 94.5579**, and the grayscale version is **76.4569, 80.4387, 87.5977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8024, 41.8520, 48.8969** is the 20% darker color. If you saturate the color by 10%, you get **73.6796, 64.9271, 78.1375**, and if you desaturate by 10%, it is **90.9141, 93.1347, 103.1851**.

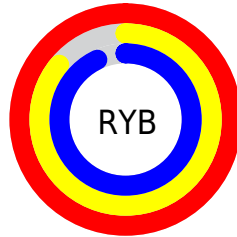
Distribution



Red (100%)

Green (86%)

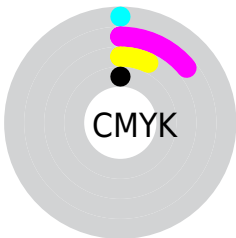
Blue (93%)



Red (100%)

Yellow (86%)

Blue (93%)

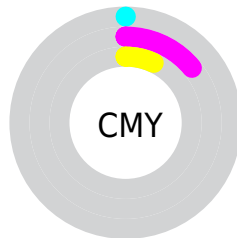


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7118, 77.9792, 90.1017 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 81.7118, 77.9792, 90.1017 by changing the saturation by 10% instead.

81.7118, 77.9792,
90.1017

81.7118, 77.9792,
90.1017

489.3323,
488.0962, 548.9403

61.4413, 58.0569,
67.4908

134.7077,
130.5208, 149.4164

44.8353, 41.8544,
49.0195

168.1638,
163.9089, 186.9573

31.5284, 28.9873,
34.2692

206.7459,
202.5543, 230.3119

21.1554, 19.0712,
22.8215

250.8192,
246.8416, 279.8989

13.3507, 11.7217,
14.2577

300.7491,
297.1550, 336.1366

7.7492, 6.5545,
8.1593

356.9011,

3.9853, 3.1851,

353.8790, 399.4437

4.1078

419.6403,
417.3979, 470.2388

■ 1.6938, 1.2291,
1.6847

■ 0.4524, 0.0853,
0.3502

■ 81.7118, 77.9792,
90.1017

■ 81.7118, 77.9792,
90.1017

■ 73.6796, 64.9271,
78.1375

■ 90.9141, 93.1347,
103.1851

■ 66.7626, 53.8751,
67.2552

95.0500, 100.0000,
108.9000

■ 60.9094, 44.7253,
57.4223

■ 56.0624, 37.3682,
48.6024

■ 52.1581, 31.6825,
40.7567

■ 49.1255, 27.5319,
33.8429

■ 46.8823, 24.7585,
27.8143

■ 45.3286, 23.1689,
22.6173

■ 44.6548, 22.6259,
19.9119

Harmonies

Analogous

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



79.7284, 77.9792, 100.7336



81.7118, 77.9792, 90.1017



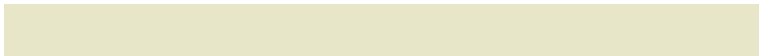
81.6100, 77.9792, 78.9384

Triad

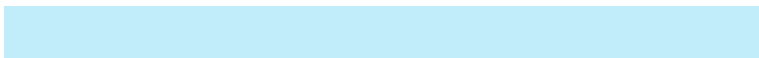
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7118, 77.9792, 90.1017



72.0028, 77.9792, 65.7798



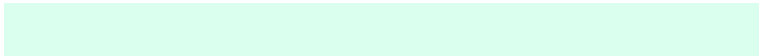
69.0235, 77.9792, 101.5728

Complementary

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



81.7118, 77.9792, 90.1017



80.4086, 92.7543, 94.5579

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.



67.0971, 77.9792, 91.1672



81.7118, 77.9792, 90.1017



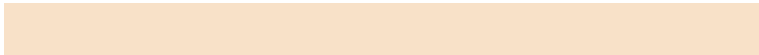
68.7751, 77.9792, 70.8299

Square

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



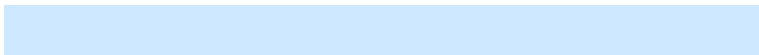
81.7118, 77.9792, 90.1017



75.9095, 77.9792, 65.5495



67.0078, 77.9792, 79.9142



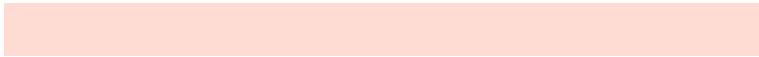
72.3527, 77.9792, 107.7411

Rectangle

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



81.7118, 77.9792, 90.1017



80.3714, 77.9792, 72.6936



67.0078, 77.9792, 79.9142



68.1956, 77.9792, 98.4151

Sweetspot

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



81.7137, 77.9824, 90.1033



91.0271, 93.3219, 103.3425



78.5098, 75.9947, 105.1383



19.3263, 19.7143, 21.9002



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

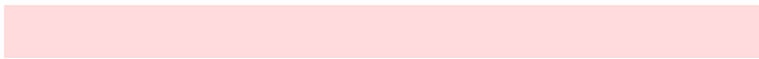
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7137, 77.9824, 90.1033



79.2784, 74.0051, 86.5384



79.5169, 77.3546, 77.7620



18.3664, 18.1299, 20.5468



23.4072, 11.8522, 10.7947



2.3338, 1.1759, 1.3390

Inverse Universe

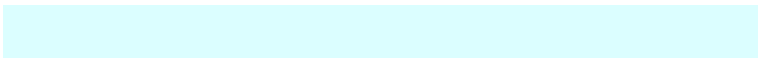
The Inverse Universe completely reimagines the original color for something new.



81.7137, 77.9824, 90.1033



79.2784, 74.0051, 86.5384



82.8342, 93.4189, 108.2736



18.3664, 18.1299, 20.5468



23.4072, 11.8522, 10.7947



2.3338, 1.1759, 1.3390

Previews

White Background



This preview shows how the XYZ color 81.7118, 77.9792, 90.1017 looks on a white background.

Color Contrast Check

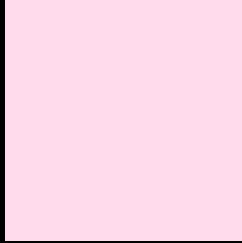
Large Text (above 18pt) WCAG AA × Fail

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 81.7118, 77.9792, 90.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

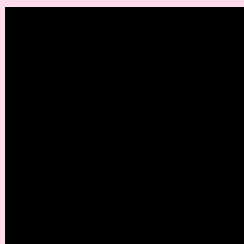
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7118, 77.9792, 90.1017

Background



This preview shows how black text looks on a background with the XYZ color 81.7118, 77.9792, 90.1017.

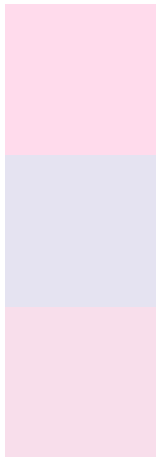


This preview shows how white text looks on a background with the XYZ color 81.7118, 77.9792,

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

81.7118, 77.9792, 90.1017

Protanopia

75.6594, 77.9471, 94.2767

Deuteranopia

79.8281, 78.1972, 89.4834



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

81.7118, 77.9792, 90.1017

Protanomaly

77.4955, 77.7204, 92.5784

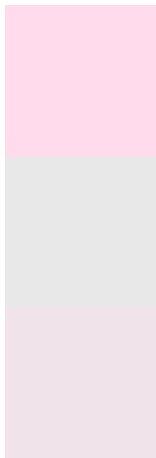
Deuteranomaly

80.6355, 78.2203, 89.4453

Tritanomaly

81.7118, 77.9792, 90.1017

Monochromacy



Original Color

81.7118, 77.9792, 90.1017

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1122, 79.3466, 88.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7118, 77.9792, 90.1017 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, 219, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 236)  
}
```

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, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.7118, 77.9792, 90.1017 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, 219, 236) }
```


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

```
.border{ border-color:rgb(255, 219, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7118, 77.9792, 90.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 236) }
```

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

```
.background{ background-color: rgb(255,  
219, 236) }
```

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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