

Converting Colors

XYZ(81.8527, 77.6932, 91.8989)

Have a look what the booklet for
XYZ(81.8527, 77.6932, 91.8989)
contains.

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Color

**XYZ(81.7440, 77.5759,
91.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAEE
RGB	255, 218, 238
RGB Percent	100%, 85%, 93%
CMY	0.0000, 0.1451, 0.0667
CMYK	0.00, 0.15, 0.07, 0.00
HSL	328°, 100%, 93%
HSV	328°, 15%, 100%
XYZ	81.7440, 77.5759, 91.5542
YIQ	231.3430, 15.6320, 14.0640

Conversions

Conversions Part 2

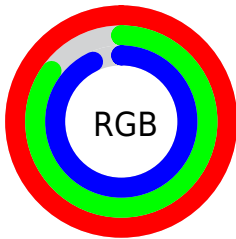
Format	Color
R _{YB}	255, 218, 238
Decimal	16767726
CIE Lab	90.59, 16.07, -5.00
CIE LCh	91, 16.829, 342.708
Yxy	77.5759, 0.3258, 0.3092
Android (android.graphics.Color)	4294957806 (0xFFFFDAEE)
YUV	231.3430, 3.2819, 20.7472
Hunter-Lab	88.0772, 11.5299, 0.0234

Details

The XYZ color **81.7440, 77.5759, 91.5542** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6713, 92.4248, 92.2414**, and the grayscale version is **76.1809, 80.1482, 87.2814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8294, 41.5776, 49.9185** is the 20% darker color. If you saturate the color by 10%, you get **73.9675, 64.6885, 80.7438**, and if you desaturate by 10%, it is **90.6535, 92.5490, 103.2971**.

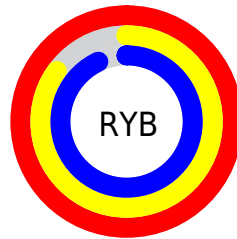
Distribution



Red (100%)

Green (85%)

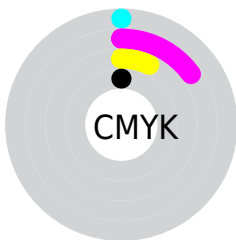
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

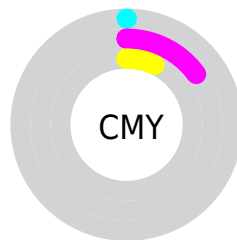


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7440, 77.5759, 91.5542 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 81.7440, 77.5759, 91.5542 by changing the saturation by 10% instead.


 81.7440, 77.5759,
91.5542

 81.7440, 77.5759,
91.5542


489.4385,
486.7253, 553.7738

 61.4679, 57.7257,
68.6895


134.7526,
129.9521, 151.4497

 44.8569, 41.5881,
49.9887


168.2159,
163.2469, 189.3175

 31.5455, 28.7789,
35.0333


206.8057,
201.7919, 233.0235

 21.1685, 18.9136,
23.4047

250.8872,
245.9716, 282.9861

 13.3604, 11.6079,
14.6845

300.8259,
296.1704, 339.6239

 7.7559, 6.4773,
8.4541

356.9871,

 3.9896, 3.1374,

352.7727, 403.3554

4.2950

419.7362,
416.1629, 474.5992

■ 1.6963, 1.2039,
1.7885

■ 0.4539, 0.0649,
0.4204

■ 81.7440, 77.5759,
91.5542

■ 81.7440, 77.5759,
91.5542

■ 73.9675, 64.6885,
80.7438

■ 90.6535, 92.5490,
103.2971

■ 67.2700, 53.7837,
70.8345

95.0500, 100.0000,
108.9000

■ 61.6013, 44.7640,
61.7998

■ 56.9047, 37.5196,
53.6097

■ 53.1178, 31.9295,
46.2320

■ 50.1705, 27.8572,
39.6314

■ 47.9814, 25.1442,
33.7687

■ 46.4514, 23.5959,
28.5978

■ 45.8150, 23.0900,
26.0218

Harmonies

Analogous

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



79.3672, 77.5759, 102.6925



81.7440, 77.5759, 91.5542



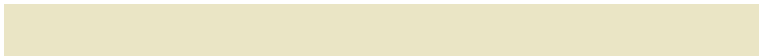
81.9238, 77.5759, 79.4641

Triad

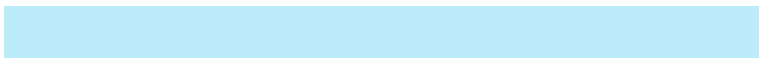
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7440, 77.5759, 91.5542



71.9654, 77.5759, 63.7914



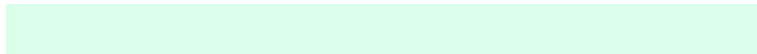
67.9382, 77.5759, 101.2048

Complementary

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



81.7440, 77.5759, 91.5542



79.6713, 92.4248, 92.2414

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.



66.1082, 77.5759, 89.6755



81.7440, 77.5759, 91.5542



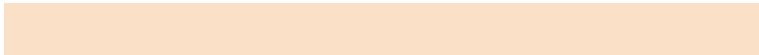
68.3731, 77.5759, 68.5365

Square

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



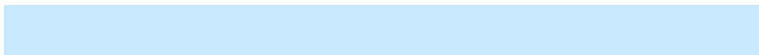
81.7440, 77.5759, 91.5542



76.1684, 77.5759, 64.1906



66.2643, 77.5759, 77.7553



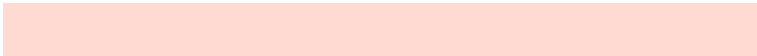
71.3512, 77.5759, 108.6181

Rectangle

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



81.7440, 77.5759, 91.5542



80.7639, 77.5759, 72.5376



66.2643, 77.5759, 77.7553



67.1235, 77.5759, 97.6374

Sweetspot

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



81.7458, 77.5791, 91.5558



91.1364, 93.3657, 103.9181



77.2696, 74.9692, 105.0057



19.3539, 19.7254, 22.0459



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

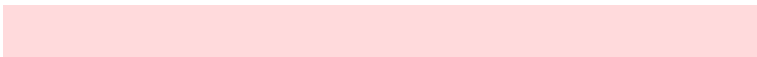
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7458, 77.5791, 91.5558



79.7032, 74.1750, 88.7749



79.2122, 76.5656, 78.2138



18.4200, 18.1513, 20.8288



24.0157, 12.0956, 13.9988



2.3935, 1.1998, 1.6536

Inverse Universe

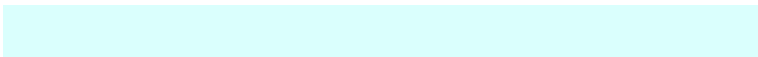
The Inverse Universe completely reimagines the original color for something new.



81.7458, 77.5791, 91.5558



79.7032, 74.1750, 88.7749



82.4288, 93.5278, 106.7623



18.4200, 18.1513, 20.8288



24.0157, 12.0956, 13.9988



2.3935, 1.1998, 1.6536

Previews

White Background



This preview shows how the XYZ color 81.7440, 77.5759, 91.5542 looks on a white background.

Color Contrast Check

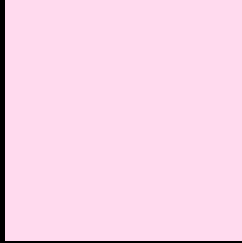
Large Text (above 18pt) WCAG AA × Fail

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 81.7440, 77.5759, 91.5542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

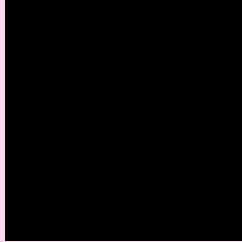
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7440, 77.5759, 91.5542

Background



This preview shows how black text looks on a background with the XYZ color 81.7440, 77.5759, 91.5542.



This preview shows how white text looks on a background with the XYZ color 81.7440, 77.5759,

91.5542.

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

81.7440, 77.5759, 91.5542

Protanopia

75.6417, 77.9032, 95.8441

Deuteranopia

79.1485, 77.4202, 90.8928



Tritanopia

81.3068, 77.4010, 89.2518

Trichromacy



Original Color

81.7440, 77.5759, 91.5542

Protanomaly

77.7927, 77.8393, 94.1435

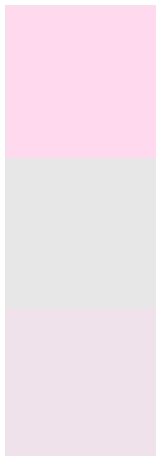
Deuteranomaly

79.9462, 77.4406, 90.8547

Tritanomaly

81.4517, 77.4589, 90.0150

Monochromacy



Original Color

81.7440, 77.5759, 91.5542

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.9828, 78.8585, 88.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7440, 77.5759, 91.5542 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, 218, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 238) }
```

Border

The CSS property to change the border of an element to XYZ 81.7440, 77.5759, 91.5542 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, 218, 238) }
```


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

```
.border{ border-color:rgb(255, 218, 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, 218, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7440, 77.5759, 91.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 238) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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