

Converting Colors

XYZ(89.3004, 81.5500, 90.7865)

Have a look what the booklet for
XYZ(89.3004, 81.5500, 90.7865)
contains.

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Color

**XYZ(81.5975, 77.5172,
90.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAED
RGB	255, 218, 237
RGB Percent	100%, 85%, 93%
CMY	0.0000, 0.1451, 0.0706
CMYK	0.00, 0.15, 0.07, 0.00
HSL	329°, 100%, 93%
HSV	329°, 15%, 100%
XYZ	81.5975, 77.5172, 90.7824
YIQ	231.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

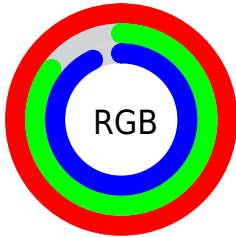
Format	Color
R _{YB}	255, 218, 237
Decimal	16767725
CIE Lab	90.56, 15.90, -4.52
CIE LCh	91, 16.529, 344.142
Yxy	77.5172, 0.3265, 0.3102
Android (android.graphics.Color)	4294957805 (0xFFFFDAED)
YUV	231.2290, 2.8451, 20.8472
Hunter-Lab	88.0439, 11.3539, 0.4965

Details

The XYZ color **81.5975, 77.5172, 90.7824** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8161, 92.4827, 93.0044**, and the grayscale version is **76.0988, 80.0619, 87.1874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7264, 41.5363, 49.3760** is the 20% darker color. If you saturate the color by 10%, you get **73.7363, 64.5960, 79.5268**, and if you desaturate by 10%, it is **90.6048, 92.5294, 103.0410**.

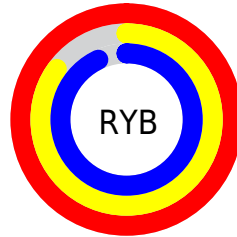
Distribution



Red (100%)

Green (85%)

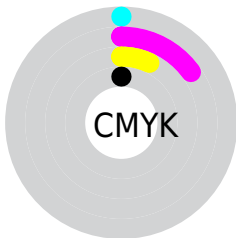
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

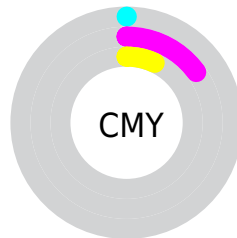


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5975, 77.5172, 90.7824 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 81.5975, 77.5172, 90.7824 by changing the saturation by 10% instead.


 81.5975, 77.5172,
90.7824

 81.5975, 77.5172,
90.7824


488.9553,
486.5256, 551.2083

 61.3468, 57.6775,
68.0524


134.5482,
129.8693, 150.3697

 44.7587, 41.5494,
49.4734


167.9789,
163.1505, 188.0641

 31.4679, 28.7486,
34.6269


206.5336,
201.6809, 231.5836

 21.1090, 18.8907,
23.0944

250.5777,
245.8449, 281.3469

 13.3166, 11.5914,
14.4572

300.4766,
296.0270, 337.7725

 7.7254, 6.4661,
8.2970

356.5956,

 3.9701, 3.1305,

352.6116, 401.2789

4.1951

419.3000,
415.9830, 472.2847

■ 1.6852, 1.2002,
1.7330

■ 0.4470, 0.0619,
0.3832

■ 81.5975, 77.5172,
90.7824

■ 81.5975, 77.5172,
90.7824

■ 73.7363, 64.5960,
79.5268

■ 90.6048, 92.5294,
103.0410

■ 66.9673, 53.6626,
69.2405

95.0500, 100.0000,
108.9000

■ 61.2395, 44.6192,
59.8950

■ 56.4960, 37.3561,
51.4577

■ 52.6738, 31.7519,
43.8942

■ 49.7024, 27.6700,
37.1667

■ 47.4999, 24.9515,
31.2330

■ 45.9665, 23.4020,
26.0444

■ 45.3324, 22.8970,
23.4803

Harmonies

Analogous

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



79.3576, 77.5172, 101.8294



81.5975, 77.5172, 90.7824



81.6635, 77.5172, 78.9585

Triad

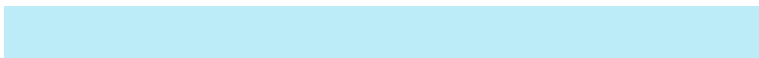
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5975, 77.5172, 90.7824



71.7513, 77.5172, 64.1836



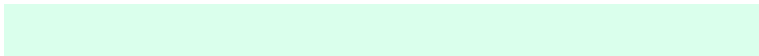
68.1156, 77.5172, 101.2836

Complementary

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



81.5975, 77.5172, 90.7824



79.8161, 92.4827, 93.0044

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.



66.2304, 77.5172, 90.0923



81.5975, 77.5172, 90.7824



68.2756, 77.5172, 69.0877

Square

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



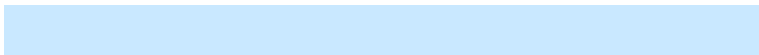
81.5975, 77.5172, 90.7824



75.8728, 77.5172, 64.3308



66.2878, 77.5172, 78.3298



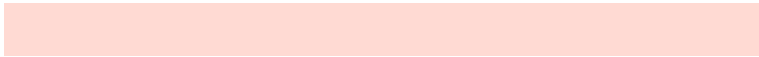
71.5255, 77.5172, 108.2685

Rectangle

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



81.5975, 77.5172, 90.7824



80.4594, 77.5172, 72.2520



66.2878, 77.5172, 78.3298



67.2884, 77.5172, 97.8453

Sweetspot

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



81.5992, 77.5203, 90.7840



91.0931, 93.3483, 103.6902



77.6773, 75.1792, 105.0248



19.3430, 19.7210, 21.9882



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.



81.5992, 77.5203, 90.7840



79.5343, 74.1075, 87.8857



79.0494, 76.5004, 77.3572



18.3987, 18.1428, 20.7169



23.7630, 11.9945, 12.6681



2.3689, 1.1899, 1.5242

Inverse Universe

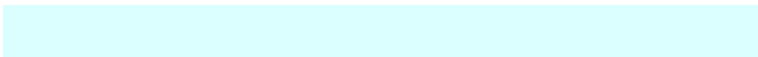
The Inverse Universe completely reimagines the original color for something new.



81.5992, 77.5203, 90.7840



79.5343, 74.1075, 87.8857



82.6261, 93.6067, 107.8012



18.3987, 18.1428, 20.7169



23.7630, 11.9945, 12.6681



2.3689, 1.1899, 1.5242

Previews

White Background



This preview shows how the XYZ color 81.5975, 77.5172, 90.7824 looks on a white background.

Color Contrast Check

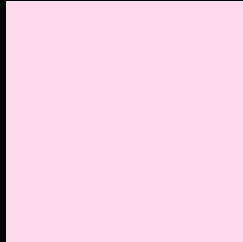
Large Text (above 18pt) WCAG AA × Fail

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 81.5975, 77.5172, 90.7824 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 81.5975, 77.5172, 90.7824

Background



This preview shows how black text looks on a background with the XYZ color 81.5975, 77.5172, 90.7824.



This preview shows how white text looks on a background with the XYZ color 81.5975, 77.5172,

90.7824.

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

81.5975, 77.5172, 90.7824

Protanopia

75.4910, 77.8430, 95.0508

Deuteranopia

79.0028, 77.3619, 90.1253



Tritanopia

81.3068, 77.4010, 89.2518

Trichromacy



Original Color

81.5975, 77.5172, 90.7824

Protanomaly

77.6437, 77.7797, 93.3588

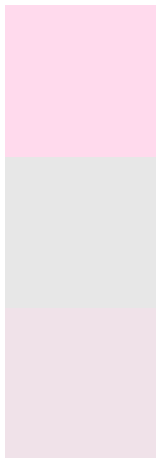
Deuteranomaly

79.8004, 77.3823, 90.0872

Tritanomaly

81.4517, 77.4589, 90.0150

Monochromacy



Original Color

81.5975, 77.5172, 90.7824

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8395, 78.8012, 88.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5975, 77.5172, 90.7824 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.5975, 77.5172, 90.7824 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, 237) }
```


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

```
.border{ border-color:rgb(255, 218, 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, 218, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5975, 77.5172, 90.7824 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, 237) }
```

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

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