

Converting Colors

XYZ(125.8750, 100.0000,
94.6650)

Have a look what the booklet for
XYZ(125.8750, 100.0000, 94.6650)
contains.

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Color

**XYZ(81.6328, 77.1177,
92.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EF
RGB	255, 217, 239
RGB Percent	100%, 85%, 94%
CMY	0.0000, 0.1490, 0.0627
CMYK	0.00, 0.15, 0.06, 0.00
HSL	325°, 100%, 93%
HSV	325°, 15%, 100%
XYZ	81.6328, 77.1177, 92.2440
YIQ	230.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

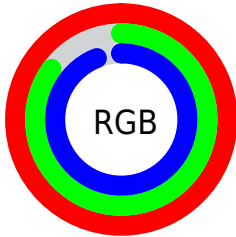
Format	Color
R_{YB}	255, 217, 239
Decimal	16767471
CIE _{Lab}	90.38, 16.76, -5.84
CIE _{LCh}	90, 17.747, 340.795
Yxy	77.1177, 0.3252, 0.3072
Android (android.graphics.Color)	4294957551 (0xFFFFD9EF)
YUV	230.8700, 4.0081, 21.1620
Hunter-Lab	87.8167, 12.2512, -0.8075

Details

The XYZ color **81.6328, 77.1177, 92.2440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0857, 92.1561, 90.7139**, and the grayscale version is **75.8236, 79.7723, 86.8721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7563, 41.2653, 50.4058** is the 20% darker color. If you saturate the color by 10%, you get **74.0216, 64.3588, 82.1120**, and if you desaturate by 10%, it is **90.3573, 91.9516, 103.2141**.

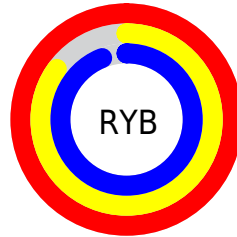
Distribution



Red (100%)

Green (85%)

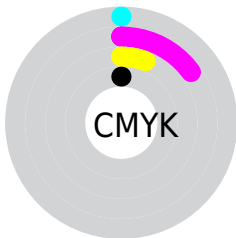
Blue (94%)



Red (100%)

Yellow (85%)

Blue (94%)

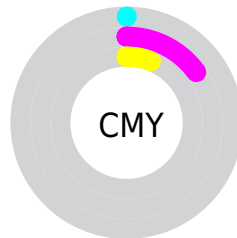


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.6328, 77.1177, 92.2440 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 81.6328, 77.1177, 92.2440 by changing the saturation by 10% instead.


 81.6328, 77.1177,
92.2440

 81.6328, 77.1177,
92.2440

489.0717,
485.1652, 556.0611

 61.3760, 57.3495,
69.2591


134.5975,
129.3056, 152.4142

 44.7824, 41.2859,
50.4497


168.0360,
162.4941, 190.4365

 31.4866, 28.5425,
35.3972


206.5992,
200.9248, 234.3085

 21.1233, 18.7350,
23.6830

250.6523,
244.9821, 284.4486

 13.3271, 11.4790,
14.8886

300.5608,
295.0504, 341.2754

 7.7327, 6.3900,
8.5955

356.6899,

 3.9748, 3.0836,

351.5141, 405.2074

4.3851

419.4051,
414.7576, 476.6631

■ 1.6879, 1.1755,
1.8389

■ 0.4487, 0.0416,
0.4534

■ 81.6328, 77.1177,
92.2440

■ 81.6328, 77.1177,
92.2440

■ 74.0216, 64.3588,
82.1120

■ 90.3573, 91.9516,
103.2141

■ 67.4703, 53.5718,
72.7893

95.0500, 100.0000,
108.9000

■ 61.9288, 44.6590,
64.2521

■ 57.3410, 37.5107,
56.4730

■ 53.6447, 32.0053,
49.4228

■ 50.7700, 28.0060,
43.0691

■ 48.6356, 25.3533,
37.3756

■ 47.1421, 23.8512,
32.2996

■ 46.5556, 23.3862,
29.9214

Harmonies

Analogous

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



79.0006, 77.1177, 103.8059



81.6328, 77.1177, 92.2440



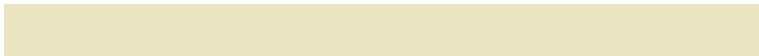
81.9804, 77.1177, 79.4849

Triad

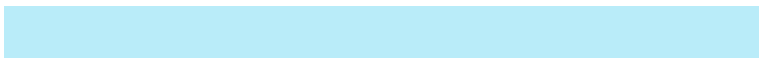
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6328, 77.1177, 92.2440



71.7155, 77.1177, 62.2282



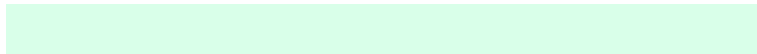
67.0417, 77.1177, 100.9217

Complementary

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



81.6328, 77.1177, 92.2440



79.0857, 92.1561, 90.7139

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.



65.2515, 77.1177, 88.6167



81.6328, 77.1177, 92.2440



67.8767, 77.1177, 66.8338

Square

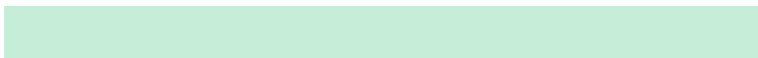
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



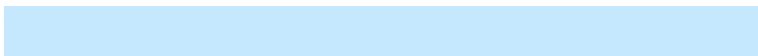
81.6328, 77.1177, 92.2440



76.1335, 77.1177, 62.9889



65.5509, 77.1177, 76.2026



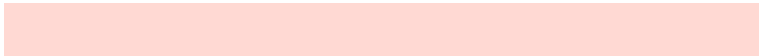
70.5339, 77.1177, 109.1540

Rectangle

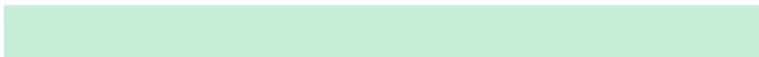
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.6328, 77.1177, 92.2440



80.8548, 77.1177, 72.0968



65.5509, 77.1177, 76.2026



66.2274, 77.1177, 97.0758

Sweetspot

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



81.6346, 77.1209, 92.2456



91.1980, 93.3903, 104.2426



76.4154, 74.1450, 104.8916



19.3695, 19.7316, 22.1280



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.



81.6346, 77.1209, 92.2456



79.1577, 72.9471, 89.0156



78.9955, 76.0652, 78.3483



18.4503, 18.1634, 20.9885



24.4025, 12.2503, 16.0360



2.4306, 1.2146, 1.8489

Inverse Universe

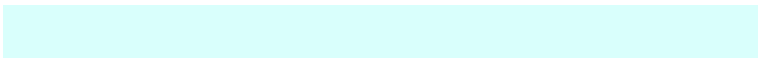
The Inverse Universe completely reimagines the original color for something new.



81.6346, 77.1209, 92.2456



79.1577, 72.9471, 89.0156



81.9214, 93.2904, 105.6466



18.4503, 18.1634, 20.9885



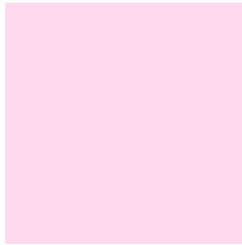
24.4025, 12.2503, 16.0360



2.4306, 1.2146, 1.8489

Previews

White Background



This preview shows how the XYZ color 81.6328, 77.1177, 92.2440 looks on a white background.

Color Contrast Check

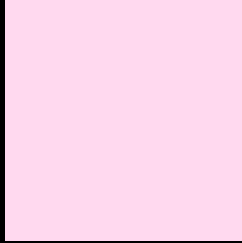
Large Text (above 18pt) WCAG AA × Fail

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 81.6328, 77.1177, 92.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

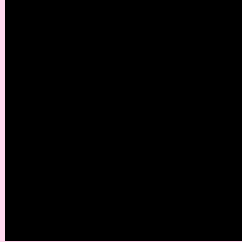
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6328, 77.1177, 92.2440

Background



This preview shows how black text looks on a background with the XYZ color 81.6328, 77.1177, 92.2440.



This preview shows how white text looks on a background with the XYZ color 81.6328, 77.1177,

92.2440.

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

81.6328, 77.1177, 92.2440

Protanopia

75.3563, 77.3162, 97.3380

Deuteranopia

78.9453, 77.2984, 91.6481



Tritanopia

80.9399, 77.2118, 89.2346

Trichromacy



Original Color

81.6328, 77.1177, 92.2440

Protanomaly

77.4904, 77.2509, 95.6208

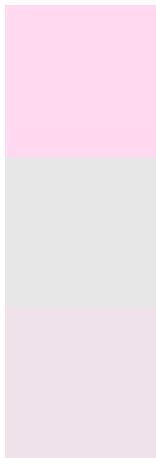
Deuteranomaly

80.0927, 77.4992, 91.6264

Tritanomaly

81.0848, 77.2698, 89.9978

Monochromacy



Original Color

81.6328, 77.1177, 92.2440

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 81.6328, 77.1177, 92.2440 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, 217, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 239)  
}
```

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, 217, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.6328, 77.1177, 92.2440 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, 217, 239) }
```


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

```
.border{ border-color:rgb(255, 217, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6328, 77.1177, 92.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 239) }
```

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

```
.background{ background-color: rgb(255,  
217, 239) }
```

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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