

Converting Colors

XYZ(81.8600, 77.1055, 93.7579)

Have a look what the booklet for
XYZ(81.8600, 77.1055, 93.7579)
contains.

XYZ(81.9300, 77.2366, 93.8091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.9300, 77.2366,
93.8091)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F1
RGB	255, 217, 241
RGB Percent	100%, 85%, 95%
CMY	0.0000, 0.1490, 0.0549
CMYK	0.00, 0.15, 0.05, 0.00
HSL	322°, 100%, 93%
HSV	322°, 15%, 100%
XYZ	81.9300, 77.2366, 93.8091
YIQ	231.0980, 14.9440, 15.5200

Conversions

Conversions Part 2

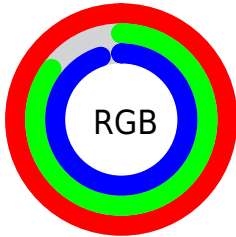
Format	Color
R_{YB}	255, 217, 241
Decimal	16767473
CIE _{Lab}	90.43, 17.10, -6.81
CIE _{LCh}	90, 18.405, 338.291
Yxy	77.2366, 0.3239, 0.3053
Android (android.graphics.Color)	4294957553 (0xFFFFD9F1)
YUV	231.0980, 4.8817, 20.9621
Hunter-Lab	87.8844, 12.6086, -1.7680

Details

The XYZ color **81.9300, 77.2366, 93.8091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8015, 92.0424, 89.2174**, and the grayscale version is **75.9872, 79.9445, 87.0596**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9660, 41.3492, 51.5102** is the 20% darker color. If you saturate the color by 10%, you get **74.4910, 64.5465, 84.5836**, and if you desaturate by 10%, it is **90.4606, 91.9930, 103.7576**.

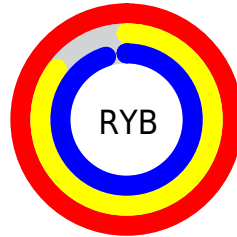
Distribution



Red (100%)

Green (85%)

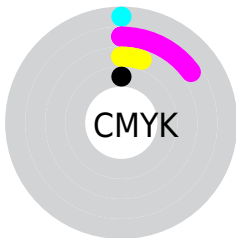
Blue (95%)



Red (100%)

Yellow (85%)

Blue (95%)

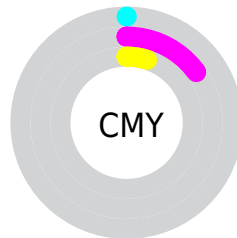


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9300, 77.2366, 93.8091 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 81.9300, 77.2366, 93.8091 by changing the saturation by 10% instead.


 81.9300, 77.2366,
93.8091

 81.9300, 77.2366,
93.8091


490.0516,
485.5703, 561.2320

 61.6217, 57.4471,
70.5528


135.0122,
129.4734, 154.5997

 44.9816, 41.3643,
51.4977

168.5168,
162.6895, 192.9710

 31.6441, 28.6038,
36.2254


207.1509,
201.1499, 237.2178

 21.2441, 18.7813,
24.3173

251.2799,
245.2390, 287.7586

 13.4160, 11.5124,
15.3548

301.2691,
295.3412, 345.0118

 7.7946, 6.4126,
8.9194

357.4839,

 4.0145, 3.0975,

351.8409, 409.3961

4.5925

420.2896,
415.1225, 481.3300

■ 1.7103, 1.1829,
1.9557

■ 0.4627, 0.0476,
0.5278

■ 81.9300, 77.2366,
93.8091

■ 81.9300, 77.2366,
93.8091

■ 74.4910, 64.5465,
84.5836

■ 90.4606, 91.9930,
103.7576

■ 68.0904, 53.8199,
76.0551

95.0500, 100.0000,
108.9000

■ 62.6791, 44.9591,
68.2027

■ 58.2011, 37.8547,
61.0022

■ 54.5951, 32.3854,
54.4273

■ 51.7917, 28.4146,
48.4493

■ 49.7104, 25.7832,
43.0351

■ 48.2522, 24.2953,
38.1455

■ 47.6772, 23.8349,
35.8279

Harmonies

Analogous

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



79.0235, 77.2366, 105.5633



81.9300, 77.2366, 93.8091



82.5062, 77.2366, 80.5009

Triad

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



81.9300, 77.2366, 93.8091



72.1442, 77.2366, 61.4601



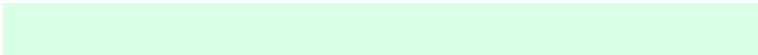
66.6922, 77.2366, 100.7728

Complementary

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



81.9300, 77.2366, 93.8091



78.8015, 92.0424, 89.2174

Split Complementary

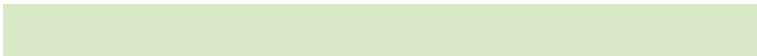
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0102, 77.2366, 87.7997



81.9300, 77.2366, 93.8091



68.0709, 77.2366, 65.7588

Square

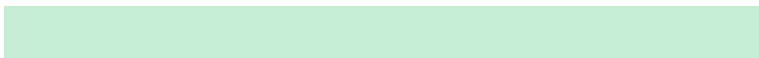
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



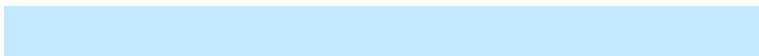
81.9300, 77.2366, 93.8091



76.7281, 77.2366, 62.7100



65.5041, 77.2366, 75.0805



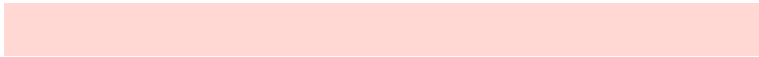
70.1911, 77.2366, 109.8668

Rectangle

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



81.9300, 77.2366, 93.8091



81.4695, 77.2366, 72.6652



65.5041, 77.2366, 75.0805



65.9023, 77.2366, 96.6702

Sweetspot

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



81.9318, 77.2398, 93.8107



91.2827, 93.4242, 104.6884



75.7991, 73.8273, 104.8628



19.3910, 19.7402, 22.2409



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.



81.9318, 77.2398, 93.8107



79.5106, 73.0883, 90.8739



79.2489, 76.1666, 79.6825



18.4921, 18.1802, 21.2086



24.9868, 12.4840, 19.1130



2.4856, 1.2366, 2.1386

Inverse Universe

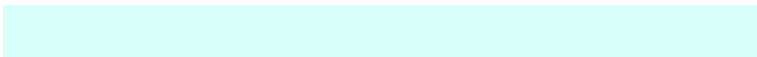
The Inverse Universe completely reimagines the original color for something new.



81.9318, 77.2398, 93.8107



79.5106, 73.0883, 90.8739



81.6221, 93.1706, 104.0701



18.4921, 18.1802, 21.2086



24.9868, 12.4840, 19.1130



2.4856, 1.2366, 2.1386

Previews

White Background



This preview shows how the XYZ color 81.9300, 77.2366, 93.8091 looks on a white background.

Color Contrast Check

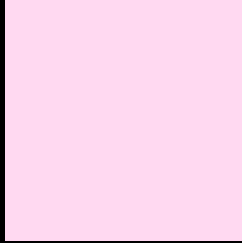
Large Text (above 18pt) WCAG AA × Fail

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 81.9300, 77.2366, 93.8091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

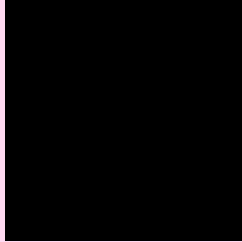
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.9300, 77.2366, 93.8091

Background



This preview shows how black text looks on a background with the XYZ color 81.9300, 77.2366, 93.8091.



This preview shows how white text looks on a background with the XYZ color 81.9300, 77.2366,

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

81.9300, 77.2366, 93.8091

Protanopia

75.3489, 77.2769, 98.9403

Deuteranopia

78.8929, 77.2373, 93.1883



Tritanopia

80.9399, 77.2118, 89.2346

Trichromacy



Original Color

81.9300, 77.2366, 93.8091

Protanomaly

77.7942, 77.3724, 97.2204

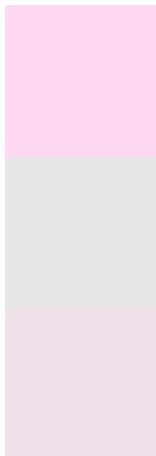
Deuteranomaly

80.0328, 77.4341, 93.1662

Tritanomaly

81.2305, 77.3281, 90.7653

Monochromacy



Original Color

81.9300, 77.2366, 93.8091

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.1269, 78.9161, 89.7119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9300, 77.2366, 93.8091 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.9300, 77.2366, 93.8091 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, 241) }
```


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

```
.border{ border-color:rgb(255, 217, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9300, 77.2366, 93.8091 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
217, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor