

Converting Colors

XYZ(84.2164, 74.6213, 99.0646)

Have a look what the booklet for
XYZ(84.2164, 74.6213, 99.0646)
contains.

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Color

**XYZ(80.4961, 72.6630,
98.5897)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCFF8 |
| RGB | 255, 207, 248 |
| RGB Percent | 100%, 81%, 97% |
| CMY | 0.0000, 0.1882, 0.0274 |
| CMYK | 0.00, 0.19, 0.03, 0.00 |
| HSL | 309°, 100%, 91% |
| HSV | 309°, 19%, 100% |
| XYZ | 80.4961, 72.6630, 98.5897 |
| YIQ | 226.0260, 15.4470, 22.9270 |

Conversions

Conversions Part 2

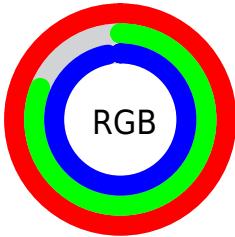
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 207, 248 |
| Decimal | 16764920 |
| CIE Lab | 88.29, 23.55, -13.68 |
| CIE LCh | 88, 27.234, 329.839 |
| Yxy | 72.6630, 0.3197, 0.2886 |
| Android (android.graphics.Color) | 4294955000 (0xFFFFCFF8) |
| YUV | 226.0260, 10.8332, 25.4102 |
| Hunter-Lab | 85.2426, 19.3862, -8.9037 |

Details

The XYZ color **80.4961, 72.6630, 98.5897** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.6320, 89.6415, 77.0432**, and the grayscale version is **72.2254, 75.9868, 82.7496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0314, 38.2680, 54.9349** is the 20% darker color. If you saturate the color by 10%, you get **74.2391, 61.0627, 93.6867**, and if you desaturate by 10%, it is **87.7655, 86.2690, 103.8887**.

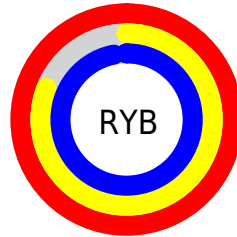
Distribution



Red (100%)

Green (81%)

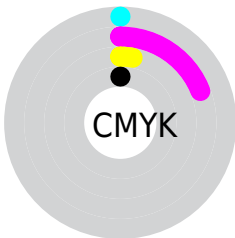
Blue (97%)



Red (100%)

Yellow (81%)

Blue (97%)

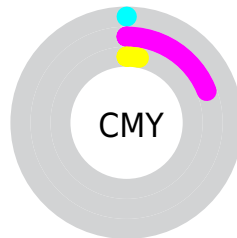


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4961, 72.6630, 98.5897 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 80.4961, 72.6630, 98.5897 by changing the saturation by 10% instead.

80.4961, 72.6630,
98.5897

80.4961, 72.6630,
98.5897

485.3143,
469.8460, 576.8696

60.4365, 53.7004,
74.5130

133.0099,
122.9987, 161.2527

44.0214, 38.3622,
54.7146

166.1948,
155.1406, 200.6760

30.8853, 26.2639,
38.7763

204.4855,
192.4444, 246.0519

20.6629, 17.0212,
26.2792

248.2475,
235.2945, 297.7990

12.9889, 10.2496,
16.8050

297.8460,
284.0754, 356.3358

7.4978, 5.5648,
9.9351

353.6464,

3.8244, 2.5823,

339.1713, 422.0808

5.2509

416.0140,
400.9667, 495.4525

■ 1.6033, 0.9178,
2.3339

■ 0.3946, 0.0000,
0.7501

■ 80.4961, 72.6630,
98.5897

■ 80.4961, 72.6630,
98.5897

■ 74.2391, 61.0627,
93.6867

■ 87.7655, 86.2690,
103.8887

■ 68.9416, 51.3638,
89.1588

95.0500, 100.0000,
108.9000

■ 64.5536, 43.4656,
84.9900

■ 61.0183, 37.2548,
81.1610

■ 58.2726, 32.6052,
77.6504

■ 56.2444, 29.3729,
74.4339

■ 54.8484, 27.3871,
71.4828

■ 53.9607, 26.4005,
68.7553

■ 53.8707, 26.3123,
68.4422

Harmonies

Analogous

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



75.5002, 72.6630, 114.5789



80.4961, 72.6630, 98.5897



82.3929, 72.6630, 79.2184

Triad

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



80.4961, 72.6630, 98.5897



69.0992, 72.6630, 48.3373



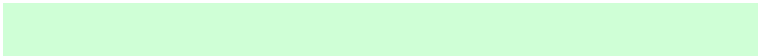
58.7374, 72.6630, 98.3878

Complementary

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



80.4961, 72.6630, 98.5897



73.6320, 89.6415, 77.0432

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.



57.2562, 72.6630, 79.0170



80.4961, 72.6630, 98.5897



63.0044, 72.6630, 51.8508

Square

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



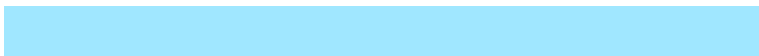
80.4961, 72.6630, 98.5897



75.5649, 72.6630, 51.9268



58.7690, 72.6630, 62.3947



62.9471, 72.6630, 114.4501

Rectangle

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



80.4961, 72.6630, 98.5897



81.5577, 72.6630, 67.5329



58.7690, 72.6630, 62.3947



57.9162, 72.6630, 91.9569

Sweetspot

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



80.4977, 72.6659, 98.5912



90.0047, 90.4808, 105.4564



67.9225, 66.0553, 103.7778



19.1521, 19.1547, 22.4937



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.



80.4977, 72.6659, 98.5912



77.7623, 67.5793, 96.4948



77.0909, 71.3032, 80.6508



18.6721, 18.2521, 22.1562



28.1921, 13.7661, 35.9915



2.7747, 1.3523, 3.6609

Inverse Universe

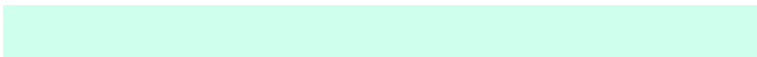
The Inverse Universe completely reimagines the original color for something new.



80.4977, 72.6659, 98.5912



77.7623, 67.5793, 96.4948



76.8387, 90.9242, 93.9295



18.6721, 18.2521, 22.1562



28.1921, 13.7661, 35.9915



2.7747, 1.3523, 3.6609

Previews

White Background



This preview shows how the XYZ color 80.4961, 72.6630, 98.5897 looks on a white background.

Color Contrast Check

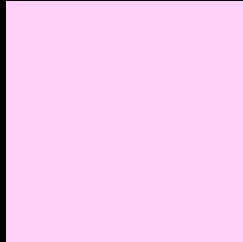
Large Text (above 18pt) WCAG AA × Fail

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 80.4961, 72.6630, 98.5897 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 80.4961, 72.6630, 98.5897

Background



This preview shows how black text looks on a background with the XYZ color 80.4961, 72.6630, 98.5897.



This preview shows how white text looks on a background with the XYZ color 80.4961, 72.6630,

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

80.4961, 72.6630, 98.5897

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

74.4691, 72.9214, 97.3391



Tritanopia

77.3043, 72.8300, 82.6563

Trichromacy



Original Color

80.4961, 72.6630, 98.5897

Protanomaly

74.5043, 72.4521, 102.1533

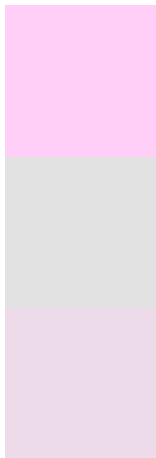
Deuteranomaly

76.5179, 72.8292, 98.0202

Tritanomaly

78.5500, 72.9740, 88.5426

Monochromacy



Original Color

80.4961, 72.6630, 98.5897

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

75.1079, 74.6081, 88.2841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4961, 72.6630, 98.5897 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, 207, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 248)  
}
```

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, 207, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 248) }
```

Border

The CSS property to change the border of an element to XYZ 80.4961, 72.6630, 98.5897 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, 207, 248) }
```


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

```
.border{ border-color:rgb(255, 207, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4961, 72.6630, 98.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 248) }
```

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

```
.background{ background-color: rgb(255,  
207, 248) }
```

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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