

Converting Colors

XYZ(82.2355, 72.9669,
111.9565)

Have a look what the booklet for
XYZ(82.2355, 72.9669, 111.9565)
contains.

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Color

**XYZ(80.6293, 72.2453,
104.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEFF
RGB	253, 206, 255
RGB Percent	99%, 81%, 100%
CMY	0.0078, 0.1921, 0.0000
CMYK	0.01, 0.19, 0.00, 0.00
HSL	298°, 100%, 90%
HSV	298°, 19%, 100%
XYZ	80.6293, 72.2453, 104.3028
YIQ	225.6390, 12.2830, 25.2030

Conversions

Conversions Part 2

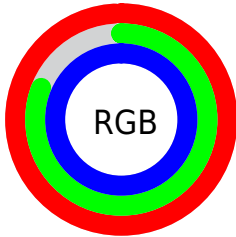
Format	Color
RYB	253, 206, 255
Decimal	16633599
CIELab	88.09, 24.67, -17.70
CIELCh	88, 30.361, 324.349
Yxy	72.2453, 0.3135, 0.2809
Android (android.graphics.Color)	4294823679 (0xFFFDCEFF)
YUV	225.6390, 14.4750, 23.9956
Hunter-Lab	84.9972, 20.5819, -13.2586

Details

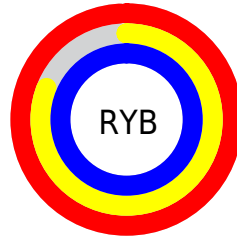
The XYZ color **80.6293, 72.2453, 104.3028** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9149, 89.3870, 71.8066**, and the grayscale version is **71.9226, 75.6682, 82.4026**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0246, 37.9462, 58.4301** is the 20% darker color. If you saturate the color by 10%, you get **74.6045, 60.7554, 102.4026**, and if you desaturate by 10%, it is **87.6560, 85.7341, 106.5361**.

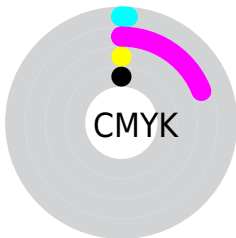
Distribution



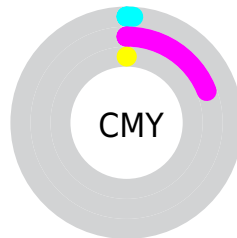
- Red (99%)
- Green (81%)
- Blue (100%)



- Red (99%)
- Yellow (81%)
- Blue (100%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6293, 72.2453, 104.3028 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 80.6293, 72.2453, 104.3028 by changing the saturation by 10% instead.


 80.6293, 72.2453,
104.3028

 80.6293, 72.2453,
104.3028

485.7554,
468.3950, 595.2656

 60.5466, 53.3591,
79.2620


133.1960,
122.4052, 169.1610

 44.1105, 38.0895,
58.5886


166.4107,
154.4477, 209.8155

 30.9557, 26.0522,
41.8642


204.7335,
191.6444, 256.5116

 20.7168, 16.8627,
28.6702

248.5296,
234.3797, 309.6679

 13.0284, 10.1366,
18.5881

298.1646,
283.0380, 369.7029

 7.5252, 5.4896,
11.1992

354.0036,

 3.8419, 2.5373,

338.0038, 437.0352

6.0851

416.4121,
399.6613, 512.0832

■ 1.6131, 0.8953,
2.8273

■ 0.4009, 0.0000,
1.0071

■ 80.6293, 72.2453,
104.3028

■ 80.6293, 72.2453,
104.3028

■ 74.6045, 60.7554,
102.4026

■ 87.6560, 85.7341,
106.5361

■ 69.5276, 51.1593,
100.8180

95.0500, 100.0000,
108.9000

■ 65.3489, 43.3562,
99.5321

■ 62.0112, 37.2324,
98.5260

■ 59.4514, 32.6610,
97.7785

■ 57.5969, 29.4975,
97.2656

■ 56.3618, 27.5696,
96.9586

■ 55.6166, 26.6186,
96.8143

■ 55.5664, 26.5604,
96.8057

Harmonies

Analogous

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



74.5766, 72.2453, 120.9309



80.6293, 72.2453, 104.3028



83.4951, 72.2453, 82.6599

Triad

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



80.6293, 72.2453, 104.3028



70.0488, 72.2453, 45.2456



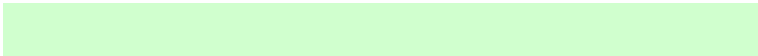
56.7333, 72.2453, 96.2988

Complementary

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



80.6293, 72.2453, 104.3028



72.9149, 89.3870, 71.8066

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.



55.7074, 72.2453, 74.7968



80.6293, 72.2453, 104.3028



63.0782, 72.2453, 47.6076

Square

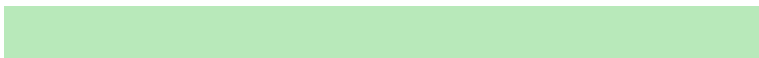
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6293, 72.2453, 104.3028



77.1169, 72.2453, 50.4760



57.9505, 72.2453, 57.6120



60.8581, 72.2453, 115.7697

Rectangle

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



80.6293, 72.2453, 104.3028



83.0775, 72.2453, 69.1772



57.9505, 72.2453, 57.6120



56.0274, 72.2453, 88.9782

Sweetspot

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



80.6313, 72.2484, 104.3033



90.1326, 90.5055, 107.3266



66.1723, 65.6768, 103.7970



19.1825, 19.1606, 22.9373



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.



80.6313, 72.2484, 104.3033



78.2343, 67.6670, 103.5454



78.0139, 71.2859, 86.7031



18.7151, 18.2604, 22.7882



29.0670, 13.8951, 50.5846



2.8520, 1.3642, 4.9263

Inverse Universe

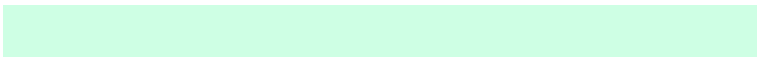
The Inverse Universe completely reimagines the original color for something new.



74.6984, 69.9597, 69.2438



71.3379, 65.0095, 62.6642



75.2262, 90.2470, 86.8921



18.0394, 17.9991, 18.8246



21.5915, 11.1259, 1.2335



2.1124, 1.0873, 0.1732

Previews

White Background



This preview shows how the XYZ color 80.6293, 72.2453, 104.3028 looks on a white background.

Color Contrast Check

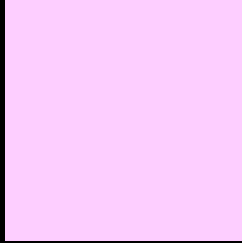
Large Text (above 18pt) WCAG AA × Fail

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 80.6293, 72.2453, 104.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

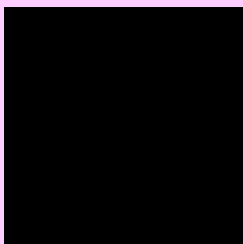
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6293, 72.2453, 104.3028

Background



This preview shows how black text looks on a background with the XYZ color 80.6293, 72.2453, 104.3028.



This preview shows how white text looks on a background with the XYZ color 80.6293, 72.2453,

104.3028.

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

80.6293, 72.2453, 104.3028

Protanopia

71.3748, 72.7025, 104.8789

Deuteranopia

74.2804, 72.6976, 103.0455



Tritanopia

76.2263, 72.2743, 82.6058

Trichromacy



Original Color

80.6293, 72.2453, 104.3028



Protanomaly

74.3453, 72.3149, 104.6475



Deuteranomaly

76.3579, 72.2472, 103.6865



Tritanomaly

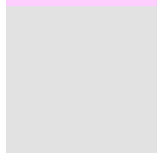
77.5109, 72.0393, 89.9405

Monochromacy



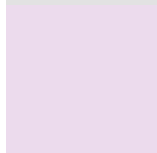
Original Color

80.6293, 72.2453, 104.3028



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

75.2097, 74.6103, 90.5580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6293, 72.2453, 104.3028 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(253, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 255)  
}
```

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(253, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.6293, 72.2453, 104.3028 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(253, 206, 255) }
```


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

```
.border{ border-color:rgb(253, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6293, 72.2453, 104.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 255) }
```

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

```
.background{ background-color: rgb(253,  
206, 255) }
```

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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