

Converting Colors

XYZ(152.2853, 109.1782,
95.7997)

Have a look what the booklet for
XYZ(152.2853, 109.1782, 95.7997)
contains.

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Color

**XYZ(78.7995, 71.2139,
92.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDF0
RGB	255, 205, 240
RGB Percent	100%, 80%, 94%
CMY	0.0000, 0.1961, 0.0588
CMYK	0.00, 0.20, 0.06, 0.00
HSL	318°, 100%, 90%
HSV	318°, 20%, 100%
XYZ	78.7995, 71.2139, 92.0306
YIQ	223.9400, 18.5650, 21.4850

Conversions

Conversions Part 2

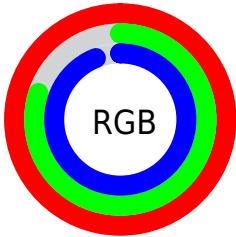
Format	Color
R _Y B	255, 205, 240
Decimal	16764400
CIE Lab	87.59, 23.21, -10.50
CIE LCh	88, 25.472, 335.664
Yxy	71.2139, 0.3256, 0.2942
Android (android.graphics.Color)	4294954480 (0xFFFFCDF0)
YUV	223.9400, 7.9176, 27.2396
Hunter-Lab	84.3883, 18.9988, -5.5875

Details

The XYZ color **78.7995, 71.2139, 92.0306** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.8573, 89.6675, 81.1281**, and the grayscale version is **70.7461, 74.4304, 81.0547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8468, 37.2792, 50.2847** is the 20% darker color. If you saturate the color by 10%, you get **72.0771, 59.5495, 84.3011**, and if you desaturate by 10%, it is **86.5671, 84.8913, 100.3469**.

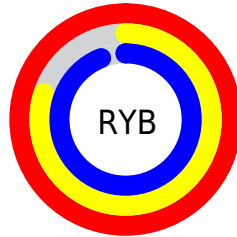
Distribution



Red (100%)

Green (80%)

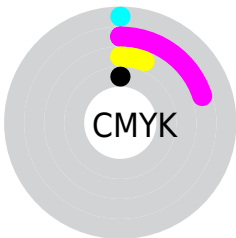
Blue (94%)



Red (100%)

Yellow (80%)

Blue (94%)

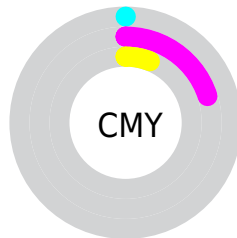


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7995, 71.2139, 92.0306 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 78.7995, 71.2139, 92.0306 by changing the saturation by 10% instead.


 78.7995, 71.2139,
92.0306

 78.7995, 71.2139,
92.0306


479.6762,
464.8008, 555.3540

 59.0360, 52.5168,
69.0829


130.6360,
120.9382, 152.1159

 42.8886, 37.4172,
50.3070

163.4397,
152.7342, 190.0905

 29.9919, 25.5306,
35.2845


201.3209,
189.6653, 233.9111

 19.9805, 16.4728,
23.5968

244.6449,
232.1159, 283.9964

 12.4890, 9.8594,
14.8254

293.7771,
280.4703, 340.7648

 7.1522, 5.3058,
8.5517

349.0828,

 3.6046, 2.4278,

335.1130, 404.6348

4.3571

410.9273,
396.4284, 476.0251

■ 1.4810, 0.8401,
1.8232

■ 0.3128, 0.0000,
0.4432

■ 78.7995, 71.2139,
92.0306

■ 78.7995, 71.2139,
92.0306

■ 72.0771, 59.5495,
84.3011

■ 86.5671, 84.8913,
100.3469

■ 66.3464, 49.7931,
77.1347

95.0500, 100.0000,
108.9000

■ 61.5563, 41.8430,
70.5124

■ 57.6491, 35.5850,
64.4121

■ 54.5605, 30.8913,
58.8092

■ 52.2171, 27.6161,
53.6762

■ 50.5316, 25.5857,
48.9808

■ 49.3674, 24.5284,
44.6743

■ 49.3260, 24.4944,
44.5103

Harmonies

Analogous

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



74.6676, 71.2139, 107.7375



78.7995, 71.2139, 92.0306



79.8810, 71.2139, 74.3116

Triad

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



78.7995, 71.2139, 92.0306



66.5499, 71.2139, 48.9897



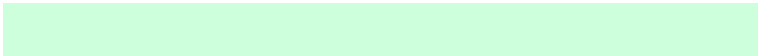
58.7046, 71.2139, 98.5351

Complementary

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



78.7995, 71.2139, 92.0306



73.8573, 89.6675, 81.1281

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.



56.8012, 71.2139, 80.8602



78.7995, 71.2139, 92.0306



61.1550, 71.2139, 53.5885

Square

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



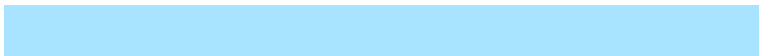
78.7995, 71.2139, 92.0306



72.5735, 71.2139, 51.0698



57.6711, 71.2139, 64.6561



63.0243, 71.2139, 111.8658

Rectangle

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



78.7995, 71.2139, 92.0306



78.6741, 71.2139, 64.0410



57.6711, 71.2139, 64.6561



57.7731, 71.2139, 92.8136

Sweetspot

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



78.8011, 71.2168, 92.0321



89.6315, 90.3316, 103.4915



69.3992, 66.1017, 103.7089



19.0637, 19.1194, 22.0283



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.



78.8011, 71.2168, 92.0321



75.7207, 65.8480, 88.5639



75.3391, 69.8320, 73.8013



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6217



2.5646, 1.2682, 2.5545

Inverse Universe

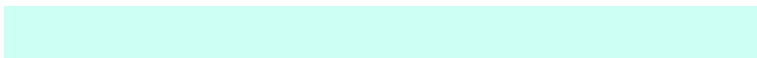
The Inverse Universe completely reimagines the original color for something new.



78.8011, 71.2168, 92.0321



75.7207, 65.8480, 88.5639



77.4201, 91.0926, 99.8893



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6217



2.5646, 1.2682, 2.5545

Previews

White Background



This preview shows how the XYZ color 78.7995, 71.2139, 92.0306 looks on a white background.

Color Contrast Check

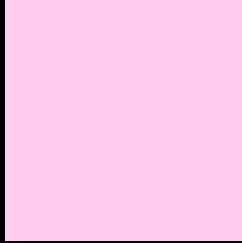
Large Text (above 18pt) WCAG AA × Fail

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 78.7995, 71.2139, 92.0306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

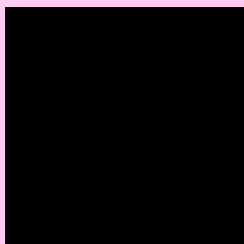
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7995, 71.2139, 92.0306

Background



This preview shows how black text looks on a background with the XYZ color 78.7995, 71.2139, 92.0306.



This preview shows how white text looks on a background with the XYZ color 78.7995, 71.2139,

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

78.7995, 71.2139, 92.0306

Protanopia

70.0390, 71.3672, 98.8907

Deuteranopia

73.0835, 71.5898, 90.8552



Tritanopia

76.5184, 71.3762, 80.2650

Trichromacy



Original Color

78.7995, 71.2139, 92.0306

Protanomaly

72.9088, 71.0041, 96.2486

Deuteranomaly

75.1499, 71.5213, 91.5055

Tritanomaly

77.4688, 71.4096, 84.5633

Monochromacy



Original Color

78.7995, 71.2139, 92.0306

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.3567, 73.0010, 85.0872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7995, 71.2139, 92.0306 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, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 240)  
}
```

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, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.7995, 71.2139, 92.0306 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, 205, 240) }
```


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

```
.border{ border-color:rgb(255, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7995, 71.2139, 92.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 240) }
```

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

```
.background{ background-color: rgb(255,  
205, 240) }
```

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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