

Converting Colors

XYZ(101.8381, 81.5218,
101.8976)

Have a look what the booklet for
XYZ(101.8381, 81.5218, 101.8976)
contains.

XYZ(79.5392, 69.9983, 100.5856)	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(79.5392, 69.9983,
100.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9FB
RGB	255, 201, 251
RGB Percent	100%, 79%, 98%
CMY	0.0000, 0.2117, 0.0157
CMYK	0.00, 0.21, 0.02, 0.00
HSL	304°, 100%, 89%
HSV	304°, 21%, 100%
XYZ	79.5392, 69.9983, 100.5856
YIQ	222.8460, 16.1340, 26.9980

Conversions

Conversions Part 2

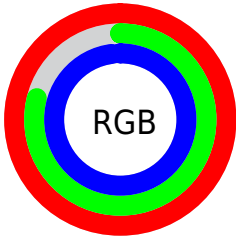
Format	Color
R _Y B	255, 201, 251
Decimal	16763387
CIE Lab	87.00, 27.23, -17.21
CIE LCh	87, 32.209, 327.712
Yxy	69.9983, 0.3180, 0.2799
Android (android.graphics.Color)	4294953467 (0xFFFFC9FB)
YUV	222.8460, 13.8799, 28.1991
Hunter-Lab	83.6650, 23.2839, -12.7155

Details

The XYZ color **79.5392, 69.9983, 100.5856** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.8689, 88.3463, 71.0778**, and the grayscale version is **69.9280, 73.5697, 80.1174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4600, 36.7682, 55.8453** is the 20% darker color. If you saturate the color by 10%, you get **73.7851, 58.9638, 97.2069**, and if you desaturate by 10%, it is **86.2861, 83.0130, 104.3118**.

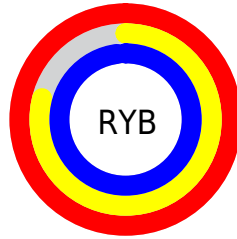
Distribution



Red (100%)

Green (79%)

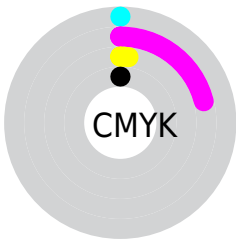
Blue (98%)



Red (100%)

Yellow (79%)

Blue (98%)

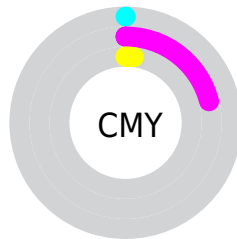


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5392, 69.9983, 100.5856 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 79.5392, 69.9983, 100.5856 by changing the saturation by 10% instead.

79.5392, 69.9983,
100.5856

79.5392, 69.9983,
100.5856

482.1388,
460.5440, 583.3312

59.6464, 51.5252,
76.1701

131.6716,
119.2063, 164.0206

43.3821, 36.6267,
56.0645

164.6419,
150.7100, 203.8771

30.3808, 24.9186,
39.8503

202.7021,
187.3260, 249.7178

20.2773, 16.0164,
27.1089

246.2176,
229.4386, 301.9610

12.7062, 9.5358,
17.4219

295.5536,
277.4324, 361.0255

7.3022, 5.0923,
10.3706

351.0756,

3.6998, 2.3015,

331.6916, 427.3296

5.5366

413.1488,
392.6007, 501.2920

■ 1.5337, 0.7745,
2.5012

■ 0.3486, 0.0000,
0.8408

■ 79.5392, 69.9983,
100.5856

■ 79.5392, 69.9983,
100.5856

■ 73.7851, 58.9638,
97.2069

■ 86.2861, 83.0130,
104.3118

■ 68.9704, 49.8038,
94.1551

■ 94.0665, 98.0901,
108.3961

■ 65.0439, 42.4155,
91.4139

95.0500, 100.0000,
108.9000

■ 61.9477, 36.6829,
88.9639

■ 59.6167, 32.4761,
86.7836

■ 57.9764, 29.6460,
84.8478

■ 56.9372, 28.0136,
83.1269

■ 56.3970, 27.3228,
81.7457

Harmonies

Analogous

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



73.4950, 69.9983, 119.1426



79.5392, 69.9983, 100.5856



82.0749, 69.9983, 77.8841

Triad

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



79.5392, 69.9983, 100.5856



67.1111, 69.9983, 41.8336



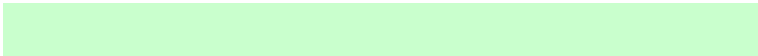
54.5172, 69.9983, 97.1742

Complementary

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



79.5392, 69.9983, 100.5856



70.8689, 88.3463, 71.0778

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.



53.0855, 69.9983, 74.5724



79.5392, 69.9983, 100.5856



60.0220, 69.9983, 45.0810

Square

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



79.5392, 69.9983, 100.5856



74.5703, 69.9983, 46.2578



55.0250, 69.9983, 56.1398



59.0918, 69.9983, 116.9262

Rectangle

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



79.5392, 69.9983, 100.5856



81.3011, 69.9983, 64.2826



55.0250, 69.9983, 56.1398



53.6682, 69.9983, 89.5423

Sweetspot

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



79.5408, 70.0011, 100.5871



90.1799, 90.5509, 106.3793



64.0061, 61.9190, 103.1858



19.1937, 19.1713, 22.7125



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.



79.5408, 70.0011, 100.5871



77.2244, 65.5504, 99.2541



75.6373, 68.4397, 80.0317



18.7312, 18.2758, 22.4675



29.4932, 14.2866, 42.8431



2.8883, 1.3977, 4.2591

Inverse Universe

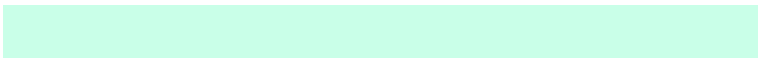
The Inverse Universe completely reimagines the original color for something new.



79.5408, 70.0011, 100.5871



77.2244, 65.5504, 99.2541



74.3580, 89.7419, 89.4511



18.7312, 18.2758, 22.4675



29.4932, 14.2866, 42.8431



2.8883, 1.3977, 4.2591

Previews

White Background



This preview shows how the XYZ color 79.5392, 69.9983, 100.5856 looks on a white background.

Color Contrast Check

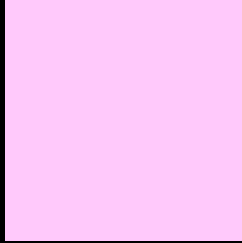
Large Text (above 18pt) WCAG AA × Fail

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 79.5392, 69.9983, 100.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

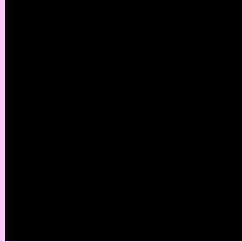
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5392, 69.9983, 100.5856

Background



This preview shows how black text looks on a background with the XYZ color 79.5392, 69.9983, 100.5856.



This preview shows how white text looks on a background with the XYZ color 79.5392, 69.9983,

100.5856.

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

79.5392, 69.9983, 100.5856

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

71.9445, 70.4356, 99.4261



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

79.5392, 69.9983, 100.5856



Protanomaly

72.5477, 69.9130, 103.4368



Deuteranomaly

74.6479, 70.3359, 100.0843



Tritanomaly

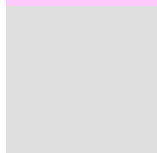
76.4457, 69.7644, 86.5275

Monochromacy



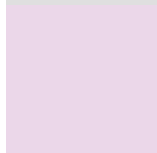
Original Color

79.5392, 69.9983, 100.5856



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.2694, 72.1462, 87.1547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5392, 69.9983, 100.5856 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, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 251)  
}
```

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, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.5392, 69.9983, 100.5856 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, 201, 251) }
```


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

```
.border{ border-color:rgb(255, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5392, 69.9983, 100.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 251) }
```

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

```
.background{ background-color: rgb(255,  
201, 251) }
```

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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