

Converting Colors

XYZ(155.5172, 108.9008,
105.1663)

Have a look what the booklet for
XYZ(155.5172, 108.9008, 105.1663)
contains.

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Color

**XYZ(79.4650, 69.5968,
101.3407)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC8FC |
| RGB | 255, 200, 252 |
| RGB Percent | 100%, 78%, 99% |
| CMY | 0.0000, 0.2157, 0.0118 |
| CMYK | 0.00, 0.22, 0.01, 0.00 |
| HSL | 303°, 100%, 89% |
| HSV | 303°, 22%, 100% |
| XYZ | 79.4650, 69.5968, 101.3407 |
| YIQ | 222.3730, 16.0880, 27.8320 |

Conversions

Conversions Part 2

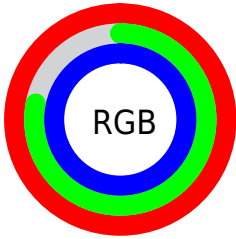
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 200, 252 |
| Decimal | 16763132 |
| CIE Lab | 86.80, 27.93, -18.03 |
| CIE LCh | 87, 33.247, 327.156 |
| Yxy | 69.5968, 0.3173, 0.2779 |
| Android (android.graphics.Color) | 4294953212 (0xFFFFC8FC) |
| YUV | 222.3730, 14.6061, 28.6139 |
| Hunter-Lab | 83.4247, 24.0344, -13.6256 |

Details

The XYZ color **79.4650, 69.5968, 101.3407** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.3609, 88.1121, 69.8016**, and the grayscale version is **69.5881, 73.2121, 79.7280**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4179, 36.5037, 56.3873** is the 20% darker color. If you saturate the color by 10%, you get **73.8252, 58.6683, 98.3785**, and if you desaturate by 10%, it is **86.0942, 82.5011, 104.6426**.

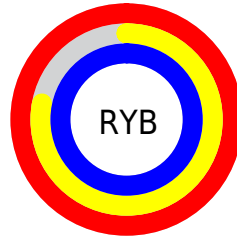
Distribution



Red (100%)

Green (78%)

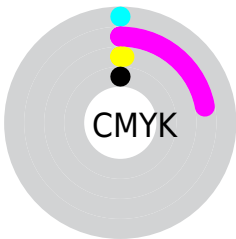
Blue (99%)



Red (100%)

Yellow (78%)

Blue (99%)

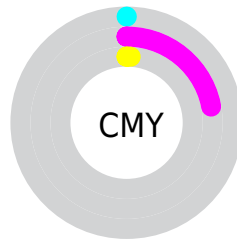


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4650, 69.5968, 101.3407 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 79.4650, 69.5968, 101.3407 by changing the saturation by 10% instead.

79.4650, 69.5968,
101.3407

79.4650, 69.5968,
101.3407

481.8921,
459.1330, 585.7659

59.5852, 51.1979,
76.7976

131.5678,
118.6336, 165.0663

43.3325, 36.3661,
56.5762

164.5214,
150.0403, 205.0859

30.3418, 24.7171,
40.2580

202.5637,
186.5516, 251.1013

20.2475, 15.8664,
27.4244

246.0599,
228.5521, 303.5312

12.6844, 9.4297,
17.6570

295.3755,
276.4261, 362.7941

7.2871, 5.0225,
10.5371

350.8759,

3.6902, 2.2605,

330.5580, 429.3085

5.6463

412.9263,
391.3322, 503.4929

■ 1.5284, 0.7527,
2.5659

■ 0.3450, 0.0000,
0.8748

■ 79.4650, 69.5968,
101.3407

■ 79.4650, 69.5968,
101.3407

■ 73.8252, 58.6683,
98.3785

■ 86.0942, 82.5011,
104.6426

■ 69.1216, 49.6100,
95.7353

■ 93.7539, 97.4638,
108.2951

■ 65.3027, 42.3184,
93.3949

95.0500, 100.0000,
108.9000

■ 62.3103, 36.6772,
91.3379

■ 60.0791, 32.5559,
89.5426

■ 58.5340, 29.8044,
87.9838

■ 57.5848, 28.2420,
86.6315

■ 57.1314, 27.6166,
85.6129

Harmonies

Analogous

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



73.1812, 69.5968, 120.4087



79.4650, 69.5968, 101.3407



82.1641, 69.5968, 77.9149

Triad

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



79.4650, 69.5968, 101.3407



66.8913, 69.5968, 40.6682



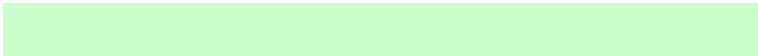
53.7655, 69.5968, 96.9567

Complementary

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



79.4650, 69.5968, 101.3407



70.3609, 88.1121, 69.8016

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.



52.3643, 69.5968, 73.6827



79.4650, 69.5968, 101.3407



59.5836, 69.5968, 43.8157

Square

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



79.4650, 69.5968, 101.3407



74.5587, 69.5968, 45.3009



54.4116, 69.5968, 54.9236



58.3980, 69.5968, 117.5502

Rectangle

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



79.4650, 69.5968, 101.3407



81.4220, 69.5968, 63.8833



54.4116, 69.5968, 54.9236



52.9175, 69.5968, 89.0670

Sweetspot

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



79.4665, 69.5995, 101.3422



90.2278, 90.5701, 106.6314



63.2676, 61.1933, 103.0847



19.2050, 19.1759, 22.7723



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.



79.4665, 69.5995, 101.3422



76.8464, 64.5156, 99.9876



75.4525, 67.9939, 80.2050



18.7474, 18.2823, 22.5528



29.8709, 14.4377, 44.8323



2.9210, 1.4108, 4.4314

Inverse Universe

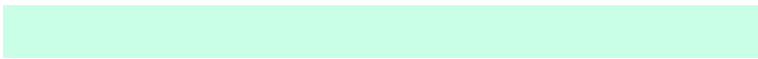
The Inverse Universe completely reimagines the original color for something new.



79.4665, 69.5995, 101.3422



76.8464, 64.5156, 99.9876



73.8993, 89.5275, 88.4346



18.7474, 18.2823, 22.5528



29.8709, 14.4377, 44.8323



2.9210, 1.4108, 4.4314

Previews

White Background



This preview shows how the XYZ color 79.4650, 69.5968, 101.3407 looks on a white background.

Color Contrast Check

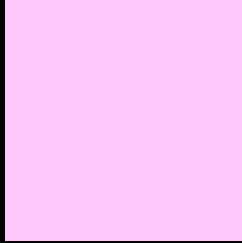
Large Text (above 18pt) WCAG AA × Fail

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 79.4650, 69.5968, 101.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

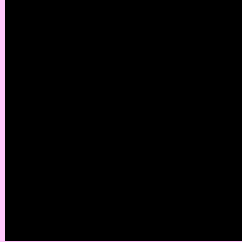
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4650, 69.5968, 101.3407

Background



This preview shows how black text looks on a background with the XYZ color 79.4650, 69.5968, 101.3407.



This preview shows how white text looks on a background with the XYZ color 79.4650, 69.5968,

101.3407.

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

79.4650, 69.5968, 101.3407

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

71.5393, 69.8364, 100.1517



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

79.4650, 69.5968, 101.3407



Protanomaly

72.3000, 69.4177, 103.3543



Deuteranomaly

74.2294, 69.7390, 100.8154



Tritanomaly

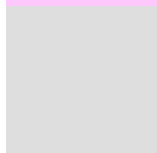
76.0663, 69.2335, 85.6982

Monochromacy



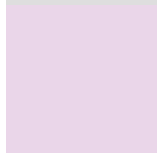
Original Color

79.4650, 69.5968, 101.3407



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.6862, 71.4688, 87.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4650, 69.5968, 101.3407 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, 200, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 252)  
}
```

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, 200, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.4650, 69.5968, 101.3407 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, 200, 252) }
```


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

```
.border{ border-color:rgb(255, 200, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4650, 69.5968, 101.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 252) }
```

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

```
.background{ background-color: rgb(255,  
200, 252) }
```

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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