

Converting Colors

XYZ(107.1858, 84.4723,
97.9702)

Have a look what the booklet for
XYZ(107.1858, 84.4723, 97.9702)
contains.

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Color

**XYZ(78.7612, 69.6871,
96.4886)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F6
RGB	255, 201, 246
RGB Percent	100%, 79%, 96%
CMY	0.0000, 0.2117, 0.0353
CMYK	0.00, 0.21, 0.04, 0.00
HSL	310°, 100%, 89%
HSV	310°, 21%, 100%
XYZ	78.7612, 69.6871, 96.4886
YIQ	222.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

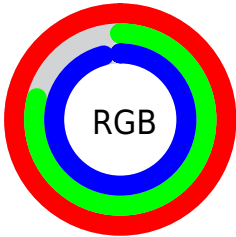
Format	Color
R _Y B	255, 201, 246
Decimal	16763382
CIE Lab	86.84, 26.35, -14.79
CIE LCh	87, 30.213, 330.695
Yxy	69.6871, 0.3216, 0.2845
Android (android.graphics.Color)	4294953462 (0xFFFFC9F6)
YUV	222.2760, 11.6959, 28.6989
Hunter-Lab	83.4788, 22.3246, -10.0949

Details

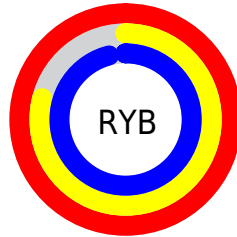
The XYZ color **78.7612, 69.6871, 96.4886** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4824, 88.5917, 74.3081**, and the grayscale version is **69.5388, 73.1602, 79.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0167, 36.5909, 53.5107** is the 20% darker color. If you saturate the color by 10%, you get **72.6583, 58.5131, 91.2734**, and if you desaturate by 10%, it is **85.8688, 82.8461, 102.1142**.

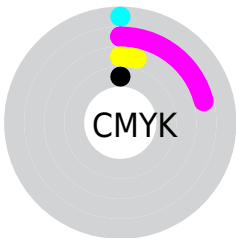
Distribution



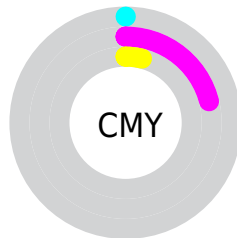
- Red (100%)
- Green (79%)
- Blue (96%)



- Red (100%)
- Yellow (79%)
- Blue (96%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7612, 69.6871, 96.4886 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 78.7612, 69.6871, 96.4886 by changing the saturation by 10% instead.


 78.7612, 69.6871,
96.4886

 78.7612, 69.6871,
96.4886


479.5485,
459.4506, 570.0253

 59.0044, 51.2715,
72.7708


130.5823,
118.7624, 158.3328

 42.8631, 36.4247,
53.2979

163.3774,
150.1909, 197.2963

 29.9718, 24.7624,
37.6513

201.2493,
186.7259, 242.1788

 19.9651, 15.9001,
25.4124

244.5634,
228.7516, 293.3989

 12.4778, 9.4535,
16.1628

293.6850,
276.6525, 351.3750

 7.1445, 5.0381,
9.4838

348.9794,

 3.5997, 2.2697,

330.8131, 416.5258

4.9570

410.8122,
391.6176, 489.2697

■ 1.4783, 0.7576,
2.1637

■ 0.3110, 0.0000,
0.6533

■ 78.7612, 69.6871,
96.4886

■ 78.7612, 69.6871,
96.4886

■ 72.6583, 58.5131,
91.2734

■ 85.8688, 82.8461,
102.1142

■ 67.5067, 49.2183,
86.4476

■ 94.0220, 98.0723,
108.1615

■ 63.2552, 41.7000,
81.9945

95.0500, 100.0000,
108.9000

■ 59.8455, 35.8420,
77.8941

■ 57.2127, 31.5145,
74.1244

■ 55.2821, 28.5683,
70.6599

■ 53.9640, 26.8243,
67.4703

■ 53.1870, 26.0388,
64.8423

Harmonies

Analogous

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



73.3922, 69.6871, 114.3546



78.7612, 69.6871, 96.4886



80.7214, 69.6871, 75.4077

Triad

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



78.7612, 69.6871, 96.4886



66.0713, 69.6871, 43.3267



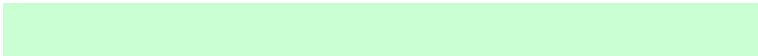
55.2591, 69.6871, 97.4487

Complementary

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



78.7612, 69.6871, 96.4886



71.4824, 88.5917, 74.3081

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.



53.5954, 69.6871, 76.3491



78.7612, 69.6871, 96.4886



59.5599, 69.6871, 47.1734

Square

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



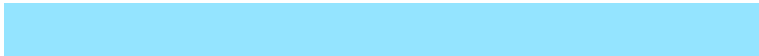
78.7612, 69.6871, 96.4886



73.0877, 69.6871, 46.8314



55.1136, 69.6871, 58.4326



59.8255, 69.6871, 114.9745

Rectangle

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



78.7612, 69.6871, 96.4886



79.7295, 69.6871, 62.9792



55.1136, 69.6871, 58.4326



54.3570, 69.6871, 90.4263

Sweetspot

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



78.7627, 69.6899, 96.4901



89.9540, 90.4605, 105.1894



65.2622, 62.5666, 103.2446



19.1401, 19.1499, 22.4304



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.



78.7627, 69.6899, 96.4901



76.3116, 65.1852, 94.4470



75.0335, 68.1982, 76.8522



18.6550, 18.2453, 22.0664



27.8395, 13.6251, 34.1349



2.7436, 1.3398, 3.4973

Inverse Universe

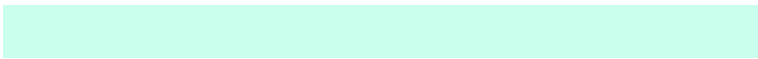
The Inverse Universe completely reimagines the original color for something new.



78.7627, 69.6899, 96.4901



76.3116, 65.1852, 94.4470



75.0041, 90.0004, 92.8533



18.6550, 18.2453, 22.0664



27.8395, 13.6251, 34.1349



2.7436, 1.3398, 3.4973

Previews

White Background



This preview shows how the XYZ color 78.7612, 69.6871, 96.4886 looks on a white background.

Color Contrast Check

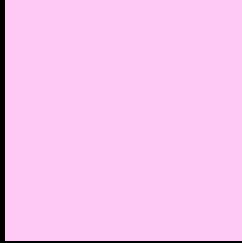
Large Text (above 18pt) WCAG AA × Fail

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 78.7612, 69.6871, 96.4886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

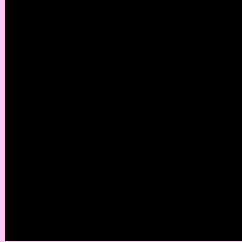
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7612, 69.6871, 96.4886

Background



This preview shows how black text looks on a background with the XYZ color 78.7612, 69.6871, 96.4886.



This preview shows how white text looks on a background with the XYZ color 78.7612, 69.6871,

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

78.7612, 69.6871, 96.4886

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.5512, 69.9495, 95.3184



Tritanopia

75.0274, 69.5785, 77.8822

Trichromacy



Original Color

78.7612, 69.6871, 96.4886



Protanomaly

72.2290, 69.7856, 101.7585



Deuteranomaly

73.9624, 69.7088, 95.9431



Tritanomaly

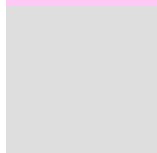
76.3838, 69.7815, 84.3062

Monochromacy



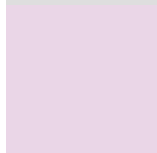
Original Color

78.7612, 69.6871, 96.4886



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.4021, 71.3551, 85.5582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7612, 69.6871, 96.4886 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.7612, 69.6871, 96.4886 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, 246) }
```


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

```
.border{ border-color:rgb(255, 201, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7612, 69.6871, 96.4886 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, 246) }
```

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

```
.background{ background-color: rgb(255,  
201, 246) }
```

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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