

Converting Colors

XYZ(94.6755, 75.2015,
102.5411)

Have a look what the booklet for
XYZ(94.6755, 75.2015, 102.5411)
contains.

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Color

**XYZ(78.0396, 66.4918,
101.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1FD
RGB	255, 193, 253
RGB Percent	100%, 76%, 99%
CMY	0.0000, 0.2431, 0.0078
CMYK	0.00, 0.24, 0.01, 0.00
HSL	302°, 100%, 88%
HSV	302°, 24%, 100%
XYZ	78.0396, 66.4918, 101.6496
YIQ	218.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

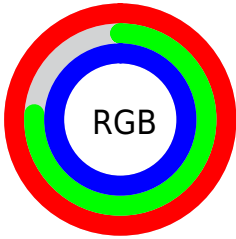
Format	Color
R _Y B	255, 193, 253
Decimal	16761341
CIE _{Lab}	85.25, 31.79, -20.91
CIE _{LCh}	85, 38.048, 326.669
Y _{xy}	66.4918, 0.3170, 0.2701
Android (android.graphics.Color)	4294951421 (0xFFFFC1FD)
Y _{UV}	218.3780, 17.0686, 32.1175
Hunter-Lab	81.5425, 28.1326, -16.8302

Details

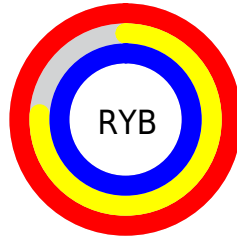
The XYZ color **78.0396, 66.4918, 101.6496** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.6046, 86.7986, 64.8231**, and the grayscale version is **66.7801, 70.2579, 76.5108**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **42.4851, 34.4565, 56.6361** is the 20% darker color. If you saturate the color by 10%, you get **72.7506, 56.1227, 99.2427**, and if you desaturate by 10%, it is **84.3039, 78.8100, 104.3862**.

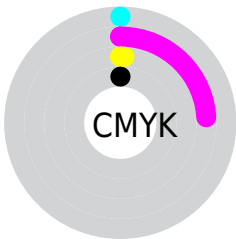
Distribution



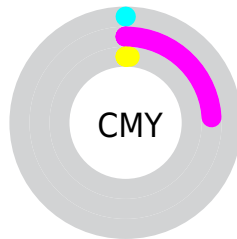
- Red (100%)
- Green (76%)
- Blue (99%)



- Red (100%)
- Yellow (76%)
- Blue (99%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0396, 66.4918, 101.6496 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 78.0396, 66.4918, 101.6496 by changing the saturation by 10% instead.


 78.0396, 66.4918,
101.6496

 78.0396, 66.4918,
101.6496


477.1391,
448.1337, 586.7604

 58.4094, 48.6717,
77.0544


 129.5710,
114.1919, 165.4939

 42.3824, 34.3592,
56.7857


162.2029,
144.8408, 205.5800

 29.5933, 23.1697,
40.4250


199.8995,
180.5346, 251.6668

 19.6766, 14.7188,
27.5537

243.0260,
221.6580, 304.1729

 12.2671, 8.6223,
17.7534

291.9479,
268.5952, 363.5167

 6.9993, 4.4956,
10.6055

347.0305,

 3.5080, 1.9545,

321.7306, 430.1169

5.6914

408.6391,
381.4486, 504.3919

■ 1.4278, 0.5808,
2.5926

■ 0.2759, 0.0000,
0.8886

■ 78.0396, 66.4918,
101.6496

■ 78.0396, 66.4918,
101.6496

■ 72.7506, 56.1227,
99.2427

■ 84.3039, 78.8100,
104.3862

■ 68.3828, 47.5953,
97.1446

■ 91.5854, 93.1620,
107.4638

■ 64.8832, 40.8034,
95.3388

95.0500, 100.0000,
108.9000

■ 62.1918, 35.6273,
93.8052

■ 60.2412, 31.9316,
92.5212

■ 58.9528, 29.5595,
91.4608

■ 58.2304, 28.3185,
90.5918

■ 57.9943, 27.9617,
90.1570

Harmonies

Analogous

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



70.9117, 66.4918, 123.4759



78.0396, 66.4918, 101.6496



81.1781, 66.4918, 75.1837

Triad

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



78.0396, 66.4918, 101.6496



64.1637, 66.4918, 34.6761



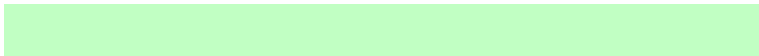
49.5483, 66.4918, 95.7926

Complementary

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



78.0396, 66.4918, 101.6496



67.6046, 86.7986, 64.8231

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.



48.0913, 66.4918, 69.6825



78.0396, 66.4918, 101.6496



56.0659, 66.4918, 37.7995

Square

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



78.0396, 66.4918, 101.6496



72.7231, 66.4918, 39.6111



50.3693, 66.4918, 49.3774



54.5441, 66.4918, 119.5912

Rectangle

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



78.0396, 66.4918, 101.6496



80.3928, 66.4918, 59.6504



50.3693, 66.4918, 49.3774



48.6492, 66.4918, 86.8441

Sweetspot

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



78.0411, 66.4944, 101.6510



89.5251, 89.0983, 106.6019



59.3794, 56.8370, 102.4487



19.0653, 18.8799, 22.7765



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.



78.0411, 66.4944, 101.6510



75.4425, 61.3955, 100.4821



73.6264, 64.7286, 78.4039



18.7659, 18.2897, 22.6503



30.3146, 14.6151, 47.1685



2.9593, 1.4261, 4.6329

Inverse Universe

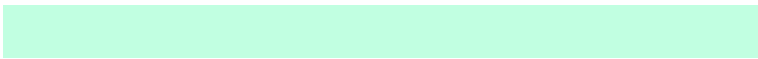
The Inverse Universe completely reimagines the original color for something new.



78.0411, 66.4944, 101.6510



75.4425, 61.3955, 100.4821



71.3493, 88.2964, 84.5424



18.7659, 18.2897, 22.6503



30.3146, 14.6151, 47.1685



2.9593, 1.4261, 4.6329

Previews

White Background



This preview shows how the XYZ color 78.0396, 66.4918, 101.6496 looks on a white background.

Color Contrast Check

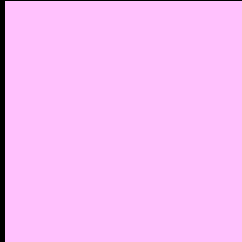
Large Text (above 18pt) WCAG AA × Fail

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 78.0396, 66.4918, 101.6496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

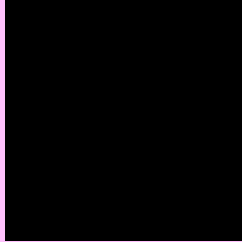
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0396, 66.4918, 101.6496

Background



This preview shows how black text looks on a background with the XYZ color 78.0396, 66.4918, 101.6496.



This preview shows how white text looks on a background with the XYZ color 78.0396, 66.4918,

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

78.0396, 66.4918, 101.6496

Protanopia

66.2221, 67.0035, 104.0504

Deuteranopia

68.1301, 66.6128, 99.7092



Tritanopia

72.3444, 66.5388, 73.3203

Trichromacy



Original Color

78.0396, 66.4918, 101.6496



Protanomaly

69.8449, 66.3480, 102.8912



Deuteranomaly

71.4016, 66.4999, 100.3393



Tritanomaly

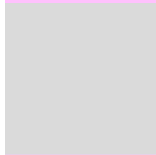
74.2540, 66.2851, 83.0094

Monochromacy



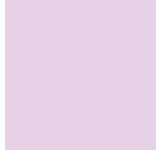
Original Color

78.0396, 66.4918, 101.6496



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

70.1793, 68.3594, 85.0971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0396, 66.4918, 101.6496 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, 193, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 253)  
}
```

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, 193, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 253) }
```

Border

The CSS property to change the border of an element to XYZ 78.0396, 66.4918, 101.6496 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, 193, 253) }
```


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

```
.border{ border-color:rgb(255, 193, 253) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0396, 66.4918, 101.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 253) }
```

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

```
.background{ background-color: rgb(255,  
193, 253) }
```

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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