

Converting Colors

XYZ(119.3327, 85.2715,
102.0155)

Have a look what the booklet for
XYZ(119.3327, 85.2715, 102.0155)
contains.

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Color

**XYZ(76.1596, 62.9862,
100.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9FC
RGB	255, 185, 252
RGB Percent	100%, 73%, 99%
CMY	0.0000, 0.2745, 0.0118
CMYK	0.00, 0.27, 0.01, 0.00
HSL	303°, 100%, 86%
HSV	303°, 27%, 100%
XYZ	76.1596, 62.9862, 100.2390
YIQ	213.5680, 20.2130, 35.6770

Conversions

Conversions Part 2

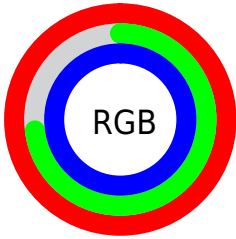
Format	Color
R _Y B	255, 185, 252
Decimal	16759292
CIE Lab	83.44, 35.81, -23.12
CIE LCh	83, 42.623, 327.149
Yxy	62.9862, 0.3181, 0.2631
Android (android.graphics.Color)	4294949372 (0xFFFFB9FC)
YUV	213.5680, 18.9470, 36.3359
Hunter-Lab	79.3638, 32.4065, -19.3304

Details

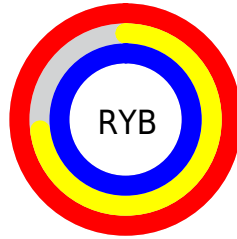
The XYZ color **76.1596, 62.9862, 100.2390** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8466, 85.4661, 60.6584**, and the grayscale version is **63.4951, 66.8018, 72.7472**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **40.9926, 32.0430, 55.6541** is the 20% darker color. If you saturate the color by 10%, you get **71.1235, 53.1899, 97.7093**, and if you desaturate by 10%, it is **82.1562, 74.7012, 103.0954**.

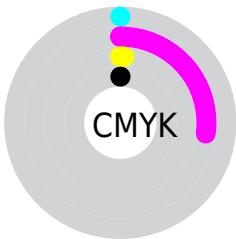
Distribution



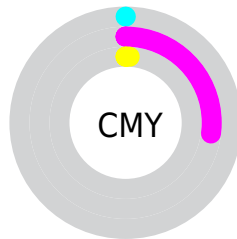
- Red (100%)
- Green (73%)
- Blue (99%)



- Red (100%)
- Yellow (73%)
- Blue (99%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1596, 62.9862, 100.2390 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 76.1596, 62.9862, 100.2390 by changing the saturation by 10% instead.

76.1596, 62.9862,
100.2390

76.1596, 62.9862,
100.2390

470.8299,
435.5194, 582.2119

56.8609, 45.8300,
75.8822

126.9316,
109.1496, 163.5403

41.1333, 32.1117,
55.8298

159.1357,
138.9256, 203.3219

28.6114, 21.4469,
39.6634

196.3722,
173.6771, 249.0821

18.9298, 13.4510,
26.9644

239.0066,
213.7884, 301.2395

11.7233, 7.7399,
17.3143

287.4042,
259.6438, 360.2126

6.6264, 3.9289,
10.2945

341.9304,

3.2738, 1.6339,

311.6279, 426.4201

5.4865

402.9505,
370.1250, 500.2803

■ 1.3002, 0.3803,
2.4718

■ 0.1833, 0.0000,
0.8251

■ 76.1596, 62.9862,
100.2390

■ 76.1596, 62.9862,
100.2390

■ 71.1235, 53.1899,
97.7093

■ 82.1562, 74.7012,
103.0954

■ 66.9924, 45.2024,
95.4854

■ 89.1564, 88.4219,
106.2904

■ 63.7118, 38.9144,
93.5499

95.0500, 100.0000,
108.9000

■ 61.2198, 34.2018,
91.8821

■ 59.4456, 30.9235,
90.4584

■ 58.3063, 28.9132,
89.2513

■ 57.6935, 27.9544,
88.2245

■ 57.5805, 27.7962,
87.9778

Harmonies

Analogous

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



68.3920, 62.9862, 124.9092



76.1596, 62.9862, 100.2390



79.5357, 62.9862, 71.1567

Triad

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



76.1596, 62.9862, 100.2390



60.7591, 62.9862, 29.1285



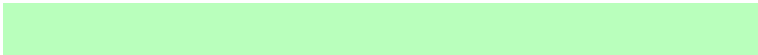
45.3385, 62.9862, 94.6707

Complementary

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



76.1596, 62.9862, 100.2390



64.8466, 85.4661, 60.6584

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.



43.7410, 62.9862, 66.0687



76.1596, 62.9862, 100.2390



52.0806, 62.9862, 32.3921

Square

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



76.1596, 62.9862, 100.2390



70.0871, 62.9862, 33.9595



46.0805, 62.9862, 44.4078



50.6912, 62.9862, 121.1536

Rectangle

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



76.1596, 62.9862, 100.2390



78.6063, 62.9862, 54.5771



46.0805, 62.9862, 44.4078



44.3702, 62.9862, 84.7969

Sweetspot

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



76.1610, 62.9887, 100.2403



88.7435, 87.6117, 106.1052



55.9767, 52.5280, 101.7964



18.7571, 18.2861, 22.6038



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.



76.1610, 62.9887, 100.2403



73.2495, 57.3191, 98.7963



71.2019, 61.0050, 74.1257



18.7571, 18.2861, 22.6038



30.1019, 14.5300, 46.0483



2.9409, 1.4187, 4.5364

Inverse Universe

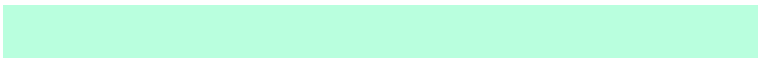
The Inverse Universe completely reimagines the original color for something new.



76.1610, 62.9887, 100.2403



73.2495, 57.3191, 98.7963



68.9989, 87.1270, 82.5242



18.7571, 18.2861, 22.6038



30.1019, 14.5300, 46.0483



2.9409, 1.4187, 4.5364

Previews

White Background



This preview shows how the XYZ color 76.1596, 62.9862, 100.2390 looks on a white background.

Color Contrast Check

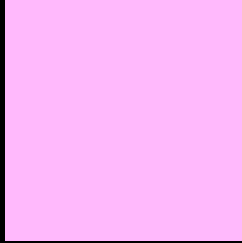
Large Text (above 18pt) WCAG AA × Fail

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 76.1596, 62.9862, 100.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

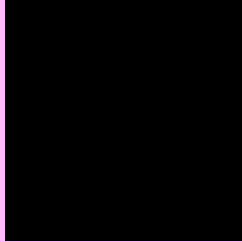
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1596, 62.9862, 100.2390

Background



This preview shows how black text looks on a background with the XYZ color 76.1596, 62.9862, 100.2390.



This preview shows how white text looks on a background with the XYZ color 76.1596, 62.9862,

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

76.1596, 62.9862, 100.2390

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.7493, 63.1067, 98.3907



Tritanopia

69.5221, 62.8337, 68.1384

Trichromacy



Original Color

76.1596, 62.9862, 100.2390



Protanomaly

66.6987, 62.2956, 102.2748



Deuteranomaly

68.3593, 62.5507, 98.9131



Tritanomaly

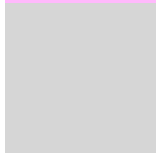
71.6517, 62.7180, 78.8503

Monochromacy



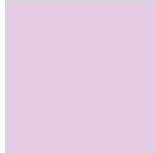
Original Color

76.1596, 62.9862, 100.2390



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.6726, 64.9713, 82.3728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1596, 62.9862, 100.2390 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, 185, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.1596, 62.9862, 100.2390 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, 185, 252) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1596, 62.9862, 100.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 252) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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