

Converting Colors

XYZ(75.1804, 60.4683,
101.6372)

Have a look what the booklet for
XYZ(75.1804, 60.4683, 101.6372)
contains.

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Color

**XYZ(75.2495, 60.6560,
101.5076)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3FE
RGB	255, 179, 254
RGB Percent	100%, 70%, 100%
CMY	0.0000, 0.2980, 0.0039
CMYK	0.00, 0.30, 0.00, 0.00
HSL	301°, 100%, 85%
HSV	301°, 30%, 100%
XYZ	75.2495, 60.6560, 101.5076
YIQ	210.2740, 21.2210, 39.4370

Conversions

Conversions Part 2

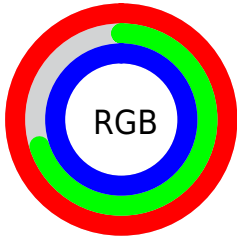
Format	Color
R _Y B	255, 179, 254
Decimal	16757758
CIE Lab	82.19, 39.30, -26.08
CIE LCh	82, 47.167, 326.433
Yxy	60.6560, 0.3170, 0.2555
Android (android.graphics.Color)	4294947838 (0xFFFFB3FE)
YUV	210.2740, 21.5569, 39.2247
Hunter-Lab	77.8820, 36.1731, -22.7584

Details

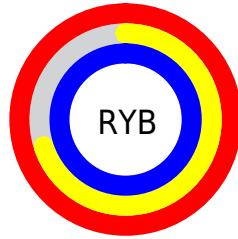
The XYZ color **75.2495, 60.6560, 101.5076** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.5905, 84.3999, 56.1745**, and the grayscale version is **61.2929, 64.4850, 70.2241**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **40.4376, 30.5688, 56.5924** is the 20% darker color. If you saturate the color by 10%, you get **70.5501, 51.3428, 99.6773**, and if you desaturate by 10%, it is **80.8966, 71.8639, 103.6559**.

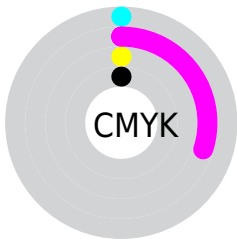
Distribution



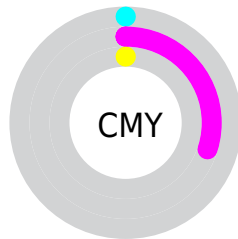
- Red (100%)
- Green (70%)
- Blue (100%)



- Red (100%)
- Yellow (70%)
- Blue (100%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2495, 60.6560, 101.5076 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 75.2495, 60.6560, 101.5076 by changing the saturation by 10% instead.


 75.2495, 60.6560,
101.5076

 75.2495, 60.6560,
101.5076


467.7587,
427.0116, 586.3033

 56.1122, 43.9476,
76.9363


 125.6515,
105.7807, 165.2973

 40.5302, 30.6293,
56.6894


157.6469,
134.9658, 205.3529

 28.1383, 20.3168,
40.3482

194.6591,
169.0786, 251.4069

 18.5709, 12.6255,
27.4943

237.0534,
208.5034, 303.8780

 11.4628, 7.1712,
17.7091

285.1951,
253.6248, 363.1846

 6.4486, 3.5694,
10.5740

339.4497,

 3.1630, 1.4357,

304.8270, 429.7453

5.6706

400.1824,
362.4944, 503.9787

■ 1.2405, 0.2428,
2.5803

■ 0.1380, 0.0000,
0.8823

■ 75.2495, 60.6560,
101.5076

■ 75.2495, 60.6560,
101.5076

■ 70.5501, 51.3428,
99.6773

■ 80.8966, 71.8639,
103.6559

■ 66.7423, 43.8128,
98.1439

■ 87.5356, 85.0557,
106.1344

■ 63.7701, 37.9540,
96.8894

95.0500, 100.0000,
108.9000

■ 61.5698, 33.6388,
95.8928

■ 60.0683, 30.7210,
95.1295

■ 59.1786, 29.0267,
94.5706

■ 58.7615, 28.2774,
94.1697

■ 58.7549, 28.2660,
94.1623

Harmonies

Analogous

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



66.6646, 60.6560, 128.8305



75.2495, 60.6560, 101.5076



79.1078, 60.6560, 69.5378

Triad

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



75.2495, 60.6560, 101.5076



58.8591, 60.6560, 24.8501



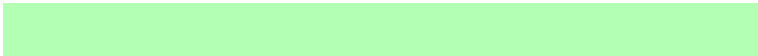
42.0574, 60.6560, 93.7906

Complementary

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



75.2495, 60.6560, 101.5076



62.5905, 84.3999, 56.1745

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.



40.4749, 60.6560, 62.6693



75.2495, 60.6560, 101.5076



49.4902, 60.6560, 27.9207

Square

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



75.2495, 60.6560, 101.5076



68.9788, 60.6560, 29.9000



43.0366, 60.6560, 39.9835



47.6379, 60.6560, 123.5435

Rectangle

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



75.2495, 60.6560, 101.5076



78.1852, 60.6560, 51.6263



43.0366, 60.6560, 39.9835



41.0703, 60.6560, 82.9235

Sweetspot

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



75.2508, 60.6584, 101.5089



88.1121, 86.2020, 106.3479



52.7630, 49.0469, 101.2938



18.6367, 18.0076, 22.6802



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.



75.2508, 60.6584, 101.5089



72.2290, 54.6680, 100.3375



69.8860, 58.5124, 73.2583



18.7818, 18.2960, 22.7340



30.7054, 14.7715, 49.2268



2.9929, 1.4395, 4.8099

Inverse Universe

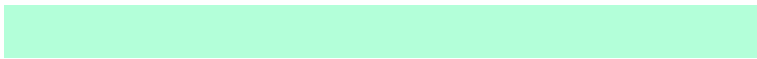
The Inverse Universe completely reimagines the original color for something new.



75.2508, 60.6584, 101.5089



72.2290, 54.6680, 100.3375



66.8765, 86.1143, 78.7446



18.7818, 18.2960, 22.7340



30.7054, 14.7715, 49.2268



2.9929, 1.4395, 4.8099

Previews

White Background



This preview shows how the XYZ color 75.2495, 60.6560, 101.5076 looks on a white background.

Color Contrast Check

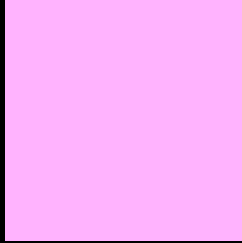
Large Text (above 18pt) WCAG AA × Fail

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 75.2495, 60.6560, 101.5076 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 75.2495, 60.6560, 101.5076

Background



This preview shows how black text looks on a background with the XYZ color 75.2495, 60.6560, 101.5076.



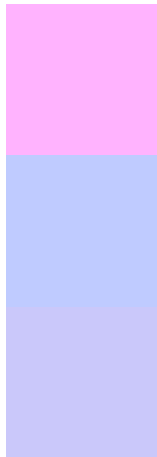
This preview shows how white text looks on a background with the XYZ color 75.2495, 60.6560,

101.5076.

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

75.2495, 60.6560, 101.5076

Protanopia

60.8918, 61.0082, 103.1742

Deuteranopia

62.2667, 60.7672, 98.8899



Tritanopia

67.6885, 60.6634, 64.6416

Trichromacy



Original Color

75.2495, 60.6560, 101.5076



Protanomaly

65.0733, 60.0997, 102.7784



Deuteranomaly

66.0810, 60.0365, 99.3721



Tritanomaly

70.3174, 60.4811, 77.0751

Monochromacy



Original Color

75.2495, 60.6560, 101.5076



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

65.5149, 62.5066, 80.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2495, 60.6560, 101.5076 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, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 254)  
}
```

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, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 254) }
```

Border

The CSS property to change the border of an element to XYZ 75.2495, 60.6560, 101.5076 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, 179, 254) }
```


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

```
.border{ border-color:rgb(255, 179, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2495, 60.6560, 101.5076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 254) }
```

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

```
.background{ background-color: rgb(255,  
179, 254) }
```

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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