

Converting Colors

XYZ(86.9913, 67.2852, 99.3662)

Have a look what the booklet for
XYZ(86.9913, 67.2852, 99.3662)
contains.

XYZ(75.1765, 61.2728, 99.1314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.1765, 61.2728,
99.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5FB
RGB	255, 181, 251
RGB Percent	100%, 71%, 98%
CMY	0.0000, 0.2902, 0.0157
CMYK	0.00, 0.29, 0.02, 0.00
HSL	303°, 100%, 85%
HSV	303°, 29%, 100%
XYZ	75.1765, 61.2728, 99.1314
YIQ	211.1060, 21.6340, 37.4580

Conversions

Conversions Part 2

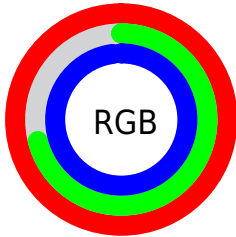
Format	Color
R _Y B	255, 181, 251
Decimal	16758267
CIE _{Lab}	82.53, 37.72, -23.97
CIE _{LCh}	83, 44.694, 327.566
Y _{xy}	61.2728, 0.3191, 0.2601
Android (android.graphics.Color)	4294948347 (0xFFFFB5FB)
YUV	211.1060, 19.6677, 38.4950
Hunter-Lab	78.2769, 34.4452, -20.2921

Details

The XYZ color **75.1765, 61.2728, 99.1314** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.5748, 84.8474, 58.9280**, and the grayscale version is **61.8524, 65.0735, 70.8651**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **40.3529, 30.9441, 54.8849** is the 20% darker color. If you saturate the color by 10%, you get **70.2419, 51.7499, 96.4194**, and if you desaturate by 10%, it is **81.0641, 72.6989, 102.1706**.

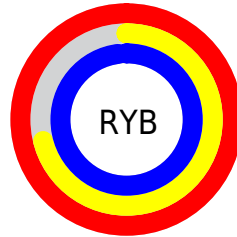
Distribution



Red (100%)

Green (71%)

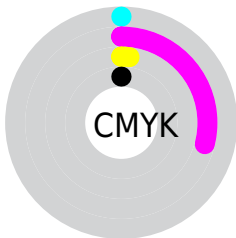
Blue (98%)



Red (100%)

Yellow (71%)

Blue (98%)

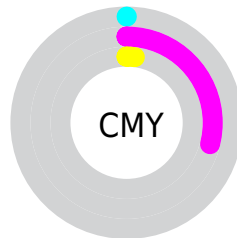


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1765, 61.2728, 99.1314 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 75.1765, 61.2728, 99.1314 by changing the saturation by 10% instead.


 75.1765, 61.2728,
99.1314

 75.1765, 61.2728,
99.1314


467.5118,
429.2735, 578.6271

 56.0522, 44.4454,
74.9625


 125.5487,
106.6738, 162.0045

 40.4819, 31.0208,
55.0806

157.5274,
136.0162, 201.5457

 28.1004, 20.6147,
39.0672

194.5215,
170.2990, 247.0481

 18.5422, 12.8426,
26.5038

236.8965,
209.9067, 298.9303

 11.4420, 7.3203,
16.9718

285.0176,
255.2236, 357.6108

 6.4344, 3.6632,
10.0526

339.2503,

 3.1541, 1.4870,

306.6341, 423.5080

5.3278

399.9600,
364.5226, 497.0406

■ 1.2358, 0.2796,
2.3788

■ 0.1344, 0.0000,
0.7748

■ 75.1765, 61.2728,
99.1314

■ 75.1765, 61.2728,
99.1314

■ 70.2419, 51.7499,
96.4194

■ 81.0641, 72.6989,
102.1706

■ 66.2047, 44.0193,
94.0134

■ 87.9488, 86.1167,
105.5491

■ 63.0093, 37.9699,
91.8959

95.0500, 100.0000,
108.9000

■ 60.5925, 33.4753,
90.0456

■ 58.8822, 30.3909,
88.4386

■ 57.7927, 28.5457,
87.0462

■ 57.1974, 27.6865,
85.8262

■ 57.1499, 27.6240,
85.7104

Harmonies

Analogous

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



67.1683, 61.2728, 125.1322



75.1765, 61.2728, 99.1314



78.6082, 61.2728, 68.9769

Triad

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



75.1765, 61.2728, 99.1314



59.0222, 61.2728, 26.7214



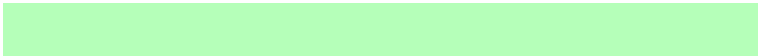
43.4114, 61.2728, 94.1731

Complementary

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



75.1765, 61.2728, 99.1314



63.5748, 84.8474, 58.9280

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.



41.7311, 61.2728, 64.5044



75.1765, 61.2728, 99.1314



50.1364, 61.2728, 30.0752

Square

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



75.1765, 61.2728, 99.1314



68.6667, 61.2728, 31.4091



44.0564, 61.2728, 42.2707



48.9225, 61.2728, 121.7620

Rectangle

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



75.1765, 61.2728, 99.1314



77.5856, 61.2728, 52.0510



44.0564, 61.2728, 42.2707



42.4080, 61.2728, 83.9044

Sweetspot

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



75.1778, 61.2752, 99.1327



87.9616, 86.1417, 105.5552



54.5116, 50.5478, 101.4914



18.5993, 17.9926, 22.4833



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.



75.1778, 61.2752, 99.1327



72.1138, 55.3548, 97.4715



69.9414, 59.1806, 71.5582



18.7478, 18.2824, 22.5549



29.8805, 14.4415, 44.8825



2.9218, 1.4111, 4.4357

Inverse Universe

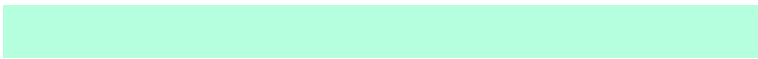
The Inverse Universe completely reimagines the original color for something new.



75.1778, 61.2752, 99.1327



72.1138, 55.3548, 97.4715



67.9624, 86.6024, 82.0324



18.7478, 18.2824, 22.5549



29.8805, 14.4415, 44.8825



2.9218, 1.4111, 4.4357

Previews

White Background



This preview shows how the XYZ color 75.1765, 61.2728, 99.1314 looks on a white background.

Color Contrast Check

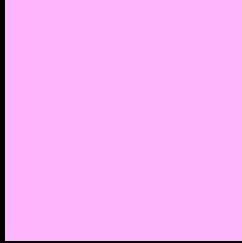
Large Text (above 18pt) WCAG AA × Fail

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 75.1765, 61.2728, 99.1314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

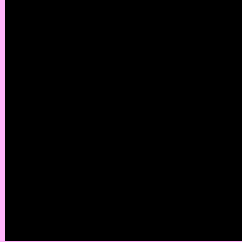
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1765, 61.2728, 99.1314

Background



This preview shows how black text looks on a background with the XYZ color 75.1765, 61.2728, 99.1314.

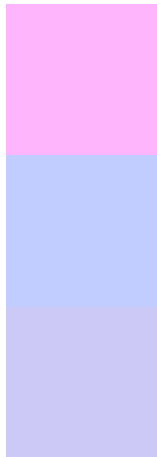


This preview shows how white text looks on a background with the XYZ color 75.1765, 61.2728,

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

75.1765, 61.2728, 99.1314

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.8520, 61.4678, 96.5475



Tritanopia

68.3795, 61.3263, 65.3599

Trichromacy



Original Color

75.1765, 61.2728, 99.1314



Protanomaly

65.9482, 61.2345, 102.1095



Deuteranomaly

66.6665, 61.0489, 97.0768



Tritanomaly

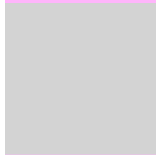
70.6051, 61.2703, 76.5117

Monochromacy



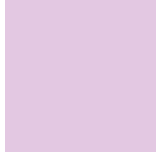
Original Color

75.1765, 61.2728, 99.1314



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

66.0603, 63.1304, 80.6551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1765, 61.2728, 99.1314 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, 181, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 251)  
}
```

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, 181, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 251) }
```

Border

The CSS property to change the border of an element to XYZ 75.1765, 61.2728, 99.1314 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, 181, 251) }
```


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

```
.border{ border-color:rgb(255, 181, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1765, 61.2728, 99.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 251) }
```

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

```
.background{ background-color: rgb(255,  
181, 251) }
```

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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