

Converting Colors

XYZ(71.7142, 61.2867,
102.6575)

Have a look what the booklet for
XYZ(71.7142, 61.2867, 102.6575)
contains.

XYZ(71.7555, 61.2859, 102.6552)	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(71.7555, 61.2859,
102.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BBFF
RGB	240, 187, 255
RGB Percent	94%, 73%, 100%
CMY	0.0588, 0.2666, 0.0000
CMYK	0.06, 0.27, 0.00, 0.00
HSL	287°, 100%, 87%
HSV	287°, 27%, 100%
XYZ	71.7555, 61.2859, 102.6552
YIQ	210.5990, 9.7600, 32.3840

Conversions

Conversions Part 2

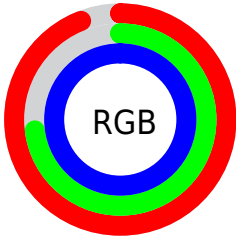
Format	Color
R _Y B	240, 187, 255
Decimal	15776767
CIE Lab	82.53, 30.57, -26.23
CIE LCh	83, 40.279, 319.370
Yxy	61.2859, 0.3044, 0.2600
Android (android.graphics.Color)	4293966847 (0xFFFF0BBFF)
YUV	210.5990, 21.8897, 25.7847
Hunter-Lab	78.2853, 26.6119, -22.9470

Details

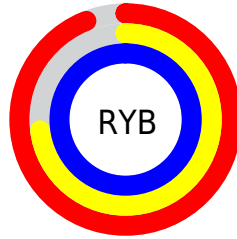
The XYZ color **71.7555, 61.2859, 102.6552** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0882, 87.6651, 60.2963**, and the grayscale version is **61.5099, 64.7132, 70.4726**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **38.1090, 30.9196, 57.3856** is the 20% darker color. If you saturate the color by 10%, you get **64.9390, 50.4430, 100.9216**, and if you desaturate by 10%, it is **79.5952, 74.0853, 104.7125**.

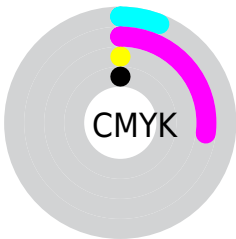
Distribution



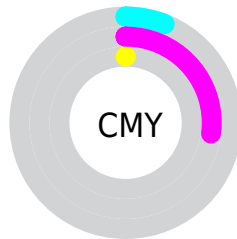
- Red (94%)
- Green (73%)
- Blue (100%)



- Red (94%)
- Yellow (73%)
- Blue (100%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7555, 61.2859, 102.6552 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 71.7555, 61.2859, 102.6552 by changing the saturation by 10% instead.

71.7555, 61.2859,
102.6552

71.7555, 61.2859,
102.6552

455.8610,
429.3215, 589.9916

53.2437, 44.4559,
77.8907

120.7215,
106.6928, 166.8849

38.2256, 31.0291,
57.4682

151.9065,
136.0385, 207.1871

26.3359, 20.6210,
40.9694

188.0466,
170.3249, 253.5056

17.2091, 12.8473,
27.9757

229.5071,
209.9365, 306.2590

10.4799, 7.3235,
18.0684

276.6535,
255.2575, 365.8657

5.7830, 3.6652,
10.8292

329.8510,

2.7530, 1.4881,

306.6724, 432.7443

5.8394

389.4650,
364.5656, 507.3135

■ 1.0245, 0.2803,
2.6804

■ 0.0000, 0.0000,
0.9336

■ 71.7555, 61.2859,
102.6552

■ 71.7555, 61.2859,
102.6552

■ 64.9390, 50.4430,
100.9216

■ 79.5952, 74.0853,
104.7125

■ 59.0891, 41.4471,
99.4935

■ 88.5003, 88.9280,
107.1081

■ 54.1514, 34.1895,
98.3529

95.0500, 100.0000,
108.9000

■ 50.0640, 28.5467,
97.4792

■ 46.7564, 24.3791,
96.8490

■ 44.1463, 21.5225,
96.4352

■ 42.1301, 19.7708,
96.2034

■ 41.5377, 19.3283,
96.1492

Harmonies

Analogous

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



63.9220, 61.2859, 122.2708



71.7555, 61.2859, 102.6552



76.1049, 61.2859, 75.8741

Triad

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



71.7555, 61.2859, 102.6552



61.3614, 61.2859, 30.1061



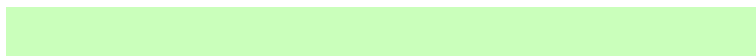
43.9723, 61.2859, 83.7429

Complementary

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



71.7555, 61.2859, 102.6552



69.0882, 87.6651, 60.2963

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.



43.4326, 61.2859, 58.3517



71.7555, 61.2859, 102.6552



52.9246, 61.2859, 31.2209

Square

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



71.7555, 61.2859, 102.6552



69.7227, 61.2859, 36.8005



46.5560, 61.2859, 40.3485



48.1111, 61.2859, 109.6233

Rectangle

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



71.7555, 61.2859, 102.6552



76.1805, 61.2859, 59.2966



46.5560, 61.2859, 40.3485



43.3806, 61.2859, 74.7598

Sweetspot

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



71.7573, 61.2885, 102.6556



87.2478, 86.8244, 106.7681



59.8702, 60.4362, 103.1176



18.3776, 18.0864, 22.7724



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.



71.7573, 61.2885, 102.6556



67.9958, 55.2655, 101.6913



74.2782, 62.9096, 88.2476



18.3776, 18.0864, 22.7724



21.8378, 10.1683, 50.2463



2.2184, 1.0375, 4.8966

Inverse Universe

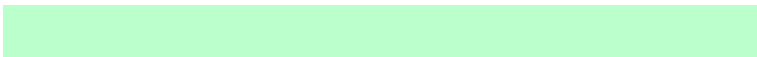
The Inverse Universe completely reimagines the original color for something new.



69.6725, 61.0673, 63.9942



65.7083, 55.0800, 56.6891



67.2908, 86.4999, 70.9940



18.1734, 18.0527, 19.5302



21.9700, 11.2773, 3.2267



2.1778, 1.1135, 0.5178

Previews

White Background



This preview shows how the XYZ color 71.7555, 61.2859, 102.6552 looks on a white background.

Color Contrast Check

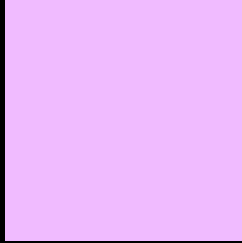
Large Text (above 18pt) WCAG AA × Fail

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 71.7555, 61.2859, 102.6552 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 71.7555, 61.2859, 102.6552

Background



This preview shows how black text looks on a background with the XYZ color 71.7555, 61.2859, 102.6552.

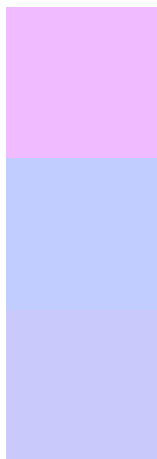


This preview shows how white text looks on a background with the XYZ color 71.7555, 61.2859,

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

71.7555, 61.2859, 102.6552

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.8145, 61.3581, 100.6281



Tritanopia

64.8773, 61.0570, 69.9938

Trichromacy



Original Color

71.7555, 61.2859, 102.6552



Protanomaly

64.8224, 61.3098, 103.0252



Deuteranomaly

65.7885, 61.1706, 101.2682



Tritanomaly

67.3068, 61.0782, 80.9149

Monochromacy



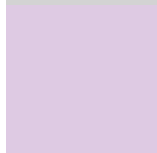
Original Color

71.7555, 61.2859, 102.6552



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.1099, 63.3167, 81.4627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7555, 61.2859, 102.6552 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(240, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 255)  
}
```

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(240, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.7555, 61.2859, 102.6552 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(240, 187, 255) }
```


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

```
.border{ border-color:rgb(240, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7555, 61.2859, 102.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 255) }
```

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

```
.background{ background-color: rgb(240,  
187, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor