

Converting Colors

XYZ(157.4662, 100.0000,
95.6973)

Have a look what the booklet for
XYZ(157.4662, 100.0000, 95.6973)
contains.

XYZ(71.4203, 55.7363, 91.7879)	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(71.4203, 55.7363,
91.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8F3
RGB	255, 168, 243
RGB Percent	100%, 66%, 95%
CMY	0.0000, 0.3412, 0.0471
CMYK	0.00, 0.34, 0.05, 0.00
HSL	308°, 100%, 83%
HSV	308°, 34%, 100%
XYZ	71.4203, 55.7363, 91.7879
YIQ	202.5630, 27.7770, 41.7690

Conversions

Conversions Part 2

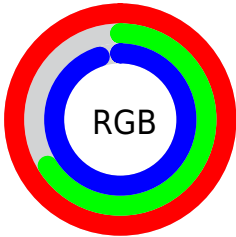
Format	Color
R _Y B	255, 168, 243
Decimal	16754931
CIE _{Lab}	79.46, 43.09, -24.34
CIE _{LCh}	79, 49.486, 330.538
Yxy	55.7363, 0.3262, 0.2546
Android (android.graphics.Color)	4294945011 (0xFFFFA8F3)
YUV	202.5630, 19.9354, 45.9872
Hunter-Lab	74.6567, 40.1125, -20.6353

Details

The XYZ color **71.4203, 55.7363, 91.7879** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.1484, 83.1409, 56.0602**, and the grayscale version is **56.3590, 59.2941, 64.5713**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **38.0129, 27.4928, 50.3168** is the 20% darker color. If you saturate the color by 10%, you get **66.6400, 47.0175, 87.5995**, and if you desaturate by 10%, it is **77.1362, 66.3096, 96.3398**.

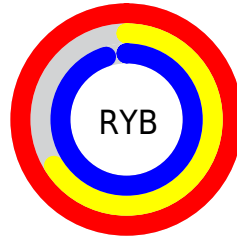
Distribution



Red (100%)

Green (66%)

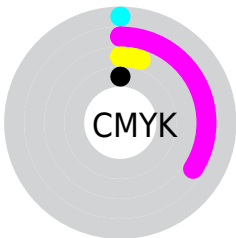
Blue (95%)



Red (100%)

Yellow (66%)

Blue (95%)

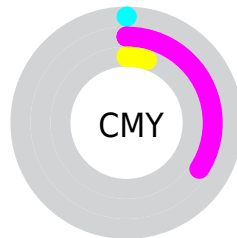


Cyan (0%)

Magenta (34%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4203, 55.7363, 91.7879 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 71.4203, 55.7363, 91.7879 by changing the saturation by 10% instead.

 71.4203, 55.7363,
91.7879


 71.4203, 55.7363,
91.7879


454.7104,
408.6970, 554.5493

 52.9690, 39.9915,
68.8824


 120.2473, 98.6189,
151.7765

 38.0054, 27.5319,
50.1448

 151.3537,
126.5256, 189.6968

 26.1641, 17.9731,
35.1565


187.4091,
159.2550, 233.4590

 17.0798, 10.9307,
23.4989

228.7791,
197.1915, 283.4818

 10.3871, 6.0203,
14.7536

275.8288,
240.7196, 340.1837

 5.7206, 2.8574,
8.5019

328.9237,

 2.7150, 1.0577,

290.2236, 403.9832

4.3254

388.4291,
346.0879, 475.2989

■ 1.0049, 0.0000,
1.8055

■ 0.0000, 0.0000,
0.4316

■ 71.4203, 55.7363,
91.7879

■ 71.4203, 55.7363,
91.7879

■ 66.6400, 47.0175,
87.5995

■ 77.1362, 66.3096,
96.3398

■ 62.7374, 40.0381,
83.7529

■ 83.8339, 78.8304,
101.2688

■ 59.6539, 34.6807,
80.2289

■ 91.5609, 93.3933,
106.5916

■ 57.3219, 30.8105,
77.0049

95.0500, 100.0000,
108.9000

■ 55.6632, 28.2708,
74.0543

■ 54.5820, 26.8703,
71.3451

■ 54.1355, 26.4182,
69.8367

Harmonies

Analogous

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



63.2926, 55.7363, 121.0954



71.4203, 55.7363, 91.7879



74.4783, 55.7363, 60.1751

Triad

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



71.4203, 55.7363, 91.7879



52.7965, 55.7363, 20.7584



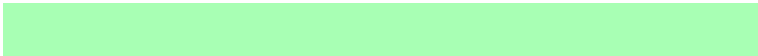
38.1600, 55.7363, 92.9653

Complementary

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



71.4203, 55.7363, 91.7879



60.1484, 83.1409, 56.0602

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.



36.0698, 55.7363, 61.2025



71.4203, 55.7363, 91.7879



43.8456, 55.7363, 24.6964

Square

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



71.4203, 55.7363, 91.7879



62.9434, 55.7363, 24.4154



38.0161, 55.7363, 37.5494



44.1201, 55.7363, 121.9115

Rectangle

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



71.4203, 55.7363, 91.7879



72.9652, 55.7363, 43.4382



38.0161, 55.7363, 37.5494



37.0175, 55.7363, 81.9876

Sweetspot

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



71.4215, 55.7385, 91.7890



86.8867, 84.5713, 103.4108



50.7842, 44.8833, 100.5945



18.3699, 17.6737, 21.9760



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.



71.4215, 55.7385, 91.7890



68.0327, 49.5424, 88.8670



65.6578, 53.4330, 61.4376



18.6785, 18.2547, 22.1903



28.3286, 13.8207, 36.7104



2.7867, 1.3570, 3.7241

Inverse Universe

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



71.4215, 55.7385, 91.7890



68.0327, 49.5424, 88.8670



65.2427, 85.1787, 82.8867



18.6785, 18.2547, 22.1903



28.3286, 13.8207, 36.7104



2.7867, 1.3570, 3.7241

Previews

White Background



This preview shows how the XYZ color 71.4203, 55.7363, 91.7879 looks on a white background.

Color Contrast Check

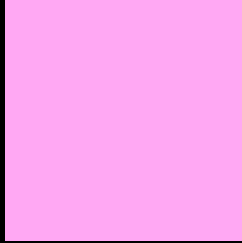
Large Text (above 18pt) WCAG AA × Fail

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 71.4203, 55.7363, 91.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

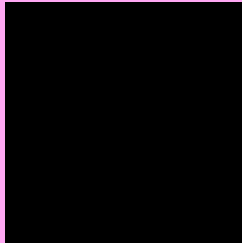
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4203, 55.7363, 91.7879

Background



This preview shows how black text looks on a background with the XYZ color 71.4203, 55.7363, 91.7879.



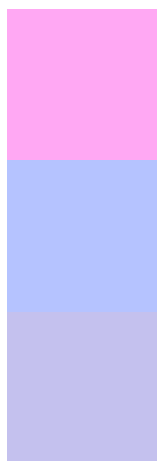
This preview shows how white text looks on a background with the XYZ color 71.4203, 55.7363,

91.7879.

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

71.4203, 55.7363, 91.7879

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.2675, 56.0487, 88.6891



Tritanopia

64.1462, 55.6030, 57.2208

Trichromacy



Original Color

71.4203, 55.7363, 91.7879



Protanomaly

60.7740, 55.0729, 98.6938



Deuteranomaly

61.4839, 55.3240, 89.8761



Tritanomaly

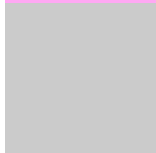
66.6776, 55.4845, 68.8233

Monochromacy



Original Color

71.4203, 55.7363, 91.7879



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

61.1925, 57.4185, 74.1873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4203, 55.7363, 91.7879 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, 168, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 243)  
}
```

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, 168, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 243) }
```

Border

The CSS property to change the border of an element to XYZ 71.4203, 55.7363, 91.7879 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, 168, 243) }
```


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

```
.border{ border-color:rgb(255, 168, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4203, 55.7363, 91.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 243) }
```

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

```
.background{ background-color: rgb(255,  
168, 243) }
```

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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