

Converting Colors

XYZ(71.4295, 55.8122,
101.6158)

Have a look what the booklet for
XYZ(71.4295, 55.8122, 101.6158)
contains.

XYZ(71.3049, 55.7357, 101.6076)	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(71.3049, 55.7357,
101.6076)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A9FF
RGB	249, 169, 255
RGB Percent	98%, 66%, 100%
CMY	0.0235, 0.3372, 0.0000
CMYK	0.02, 0.34, 0.00, 0.00
HSL	296°, 100%, 83%
HSV	296°, 34%, 100%
XYZ	71.3049, 55.7357, 101.6076
YIQ	202.7240, 20.0740, 43.7060

Conversions

Conversions Part 2

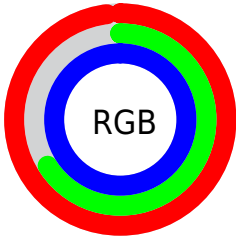
Format	Color
R_{YB}	249, 169, 255
Decimal	16361983
CIE _{Lab}	79.46, 42.84, -30.85
CIE _{LCh}	79, 52.795, 324.243
Yxy	55.7357, 0.3119, 0.2438
Android (android.graphics.Color)	4294552063 (0xFFFF9A9FF)
YUV	202.7240, 25.7721, 40.5841
Hunter-Lab	74.6563, 39.8382, -28.4345

Details

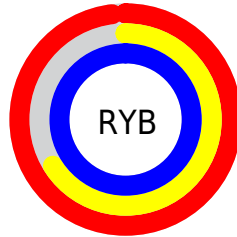
The XYZ color **71.3049, 55.7357, 101.6076** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.6020, 83.4992, 50.4618**, and the grayscale version is **56.4280, 59.3667, 64.6503**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **37.8096, 27.4151, 56.7249** is the 20% darker color. If you saturate the color by 10%, you get **66.3850, 46.8318, 100.1483**, and if you desaturate by 10%, it is **77.1591, 66.4975, 103.3763**.

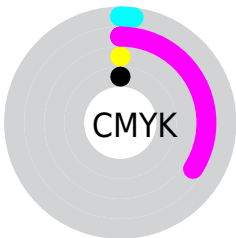
Distribution



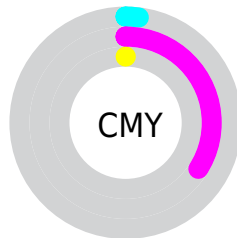
- Red (98%)
- Green (66%)
- Blue (100%)



- Red (98%)
- Yellow (66%)
- Blue (100%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3049, 55.7357, 101.6076 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 71.3049, 55.7357, 101.6076 by changing the saturation by 10% instead.


 71.3049, 55.7357,
101.6076

 71.3049, 55.7357,
101.6076


454.3138,
408.6947, 586.6252

 52.8745, 39.9911,
77.0194


 120.0839, 98.6180,
165.4357

 37.9297, 27.5316,
56.7572


151.1632,
126.5245, 205.5128

 26.1051, 17.9728,
40.4023


187.1896,
159.2537, 251.5899

 17.0353, 10.9305,
27.5361

228.5283,
197.1901, 304.0856

 10.3552, 6.0201,
17.7403

275.5447,
240.7180, 363.4185

 5.6991, 2.8573,
10.5962

328.6042,

 2.7019, 1.0577,

290.2218, 430.0070

5.6853

388.0721,
346.0859, 504.2697

■ 0.9982, 0.0000,
2.5890

■ 0.0000, 0.0000,
0.8868

■ 71.3049, 55.7357,
101.6076

■ 71.3049, 55.7357,
101.6076

■ 66.3850, 46.8318,
100.1483

■ 77.1591, 66.4975,
103.3763

■ 62.3405, 39.6707,
98.9792

■ 83.9923, 79.2093,
105.4698

■ 59.1135, 34.1355,
98.0809

■ 91.8523, 93.9658,
107.9038

■ 56.6367, 30.0923,
97.4310

95.0500, 100.0000,
108.9000

■ 54.8326, 27.3853,
97.0036

■ 53.6061, 25.8250,
96.7671

■ 53.0464, 25.2613,
96.6878

Harmonies

Analogous

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



61.7964, 55.7357, 131.0266



71.3049, 55.7357, 101.6076



75.9632, 55.7357, 66.7354

Triad

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



71.3049, 55.7357, 101.6076



55.0471, 55.7357, 19.1541



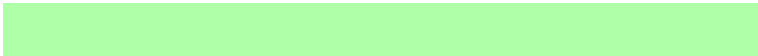
36.4728, 55.7357, 87.9616

Complementary

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



71.3049, 55.7357, 101.6076



60.6020, 83.4992, 50.4618

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.



35.1669, 55.7357, 55.0150



71.3049, 55.7357, 101.6076



45.0359, 55.7357, 21.4941

Square

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



71.3049, 55.7357, 101.6076



65.8062, 55.7357, 24.5621



38.0911, 55.7357, 32.5584



41.9307, 55.7357, 121.4821

Rectangle

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



71.3049, 55.7357, 101.6076



75.2989, 55.7357, 47.4232



38.0911, 55.7357, 32.5584



35.5670, 55.7357, 76.2179

Sweetspot

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



71.3066, 55.7381, 101.6080



86.7965, 84.4599, 106.3355



49.9724, 46.7737, 101.0021



18.3479, 17.6465, 22.6890



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.



71.3066, 55.7381, 101.6080



68.1120, 49.9380, 100.6568



68.2375, 54.7614, 74.1080



18.6602, 18.2321, 22.7856



27.7710, 13.2269, 50.5239



2.7400, 1.3064, 4.9210

Inverse Universe

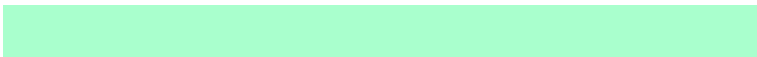
The Inverse Universe completely reimagines the original color for something new.



63.1672, 52.7333, 47.4087



58.9864, 46.5845, 39.1931



63.1231, 84.3555, 70.6095



18.0608, 18.0076, 18.9371



21.6236, 11.1388, 1.4027



2.1225, 1.0914, 0.2265

Previews

White Background



This preview shows how the XYZ color 71.3049, 55.7357, 101.6076 looks on a white background.

Color Contrast Check

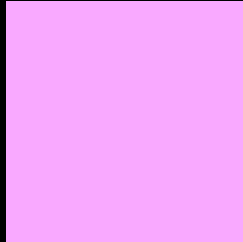
Large Text (above 18pt) WCAG AA × Fail

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 71.3049, 55.7357, 101.6076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

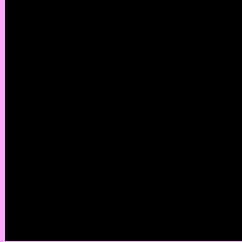
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3049, 55.7357, 101.6076

Background



This preview shows how black text looks on a background with the XYZ color 71.3049, 55.7357, 101.6076.



This preview shows how white text looks on a background with the XYZ color 71.3049, 55.7357,

101.6076.

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

71.3049, 55.7357, 101.6076

Protanopia

56.3875, 55.9535, 102.4359

Deuteranopia

57.5334, 56.3045, 98.2780



Tritanopia

62.6498, 55.6886, 59.0767

Trichromacy



Original Color

71.3049, 55.7357, 101.6076



Protanomaly

60.7857, 55.3169, 102.0812



Deuteranomaly

61.7836, 55.5751, 99.5662



Tritanomaly

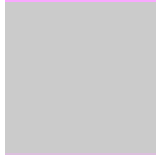
65.5548, 55.6871, 72.9392

Monochromacy



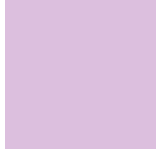
Original Color

71.3049, 55.7357, 101.6076



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

61.3308, 57.7512, 77.0218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3049, 55.7357, 101.6076 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(249, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 169, 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(249, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.3049, 55.7357, 101.6076 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(249, 169, 255) }
```


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

```
.border{ border-color:rgb(249, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 169, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 169, 255); box-shadow:4px 4px 4px 4px rgb(249, 169, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3049, 55.7357, 101.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 169, 255) }
```

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

```
.background{ background-color: rgb(249,  
169, 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](#).

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