

Converting Colors

XYZ(72.6014, 55.5499,
100.0388)

Have a look what the booklet for
XYZ(72.6014, 55.5499, 100.0388)
contains.

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Color

**XYZ(72.6058, 55.6243,
99.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6FD
RGB	255, 166, 253
RGB Percent	100%, 65%, 99%
CMY	0.0000, 0.3490, 0.0078
CMYK	0.00, 0.35, 0.01, 0.00
HSL	301°, 100%, 83%
HSV	301°, 35%, 100%
XYZ	72.6058, 55.6243, 99.8383
YIQ	202.5290, 25.1170, 45.9250

Conversions

Conversions Part 2

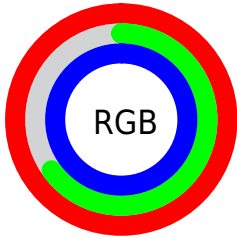
Format	Color
R _Y B	255, 166, 253
Decimal	16754429
CIE Lab	79.40, 45.86, -29.82
CIE LCh	79, 54.705, 326.969
Yxy	55.6243, 0.3184, 0.2439
Android (android.graphics.Color)	4294944509 (0xFFFFA6FD)
YUV	202.5290, 24.8822, 46.0171
Hunter-Lab	74.5817, 43.2530, -27.1610

Details

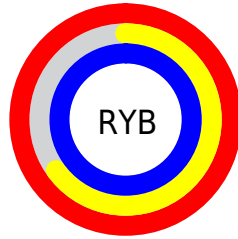
The XYZ color **72.6058, 55.6243, 99.8383** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.5555, 82.4550, 49.8774**, and the grayscale version is **56.3091, 59.2416, 64.5141**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **38.7839, 27.4442, 55.4777** is the 20% darker color. If you saturate the color by 10%, you get **68.3308, 47.2198, 97.9645**, and if you desaturate by 10%, it is **77.8025, 65.8711, 102.0222**.

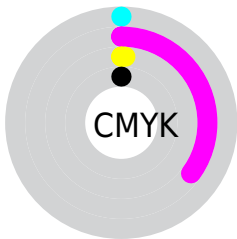
Distribution



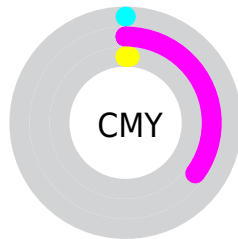
- Red (100%)
- Green (65%)
- Blue (99%)



- Red (100%)
- Yellow (65%)
- Blue (99%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6058, 55.6243, 99.8383 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 72.6058, 55.6243, 99.8383 by changing the saturation by 10% instead.


 72.6058, 55.6243,
99.8383


 72.6058, 55.6243,
99.8383


458.7724,
408.2741, 580.9164

 53.9409, 39.9018,
75.5494


 121.9236, 98.4551,
162.9849

 38.7849, 27.4620,
55.5586


 153.3072,
126.3321, 202.6796

 26.7724, 17.9205,
39.4475


189.6611,
159.0294, 248.3467

 17.5381, 10.8929,
26.7976

231.3506,
196.9314, 300.4047

 10.7165, 5.9949,
17.1901

278.7412,
240.4225, 359.2721

 5.9424, 2.8420,
10.2068

332.1981,

 2.8504, 1.0498,

289.8870, 425.3675

5.4289

392.0867,
345.7094, 499.1094

■ 1.0752, 0.0000,
2.4379

■ 0.0042, 0.0000,
0.8070

■ 72.6058, 55.6243,
99.8383

■ 72.6058, 55.6243,
99.8383

■ 68.3308, 47.2198,
97.9645

■ 77.8025, 65.8711,
102.0222

■ 64.9192, 40.5419,
96.3790

■ 83.9672, 78.0539,
104.5294

■ 62.3118, 35.4721,
95.0631

■ 91.1478, 92.2678,
107.3765

■ 60.4406, 31.8742,
93.9938

95.0500, 100.0000,
108.9000

■ 59.2262, 29.5895,
93.1448

■ 58.5710, 28.4228,
92.4836

■ 58.3813, 28.1165,
92.1951

Harmonies

Analogous

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



63.0274, 55.6243, 131.9664



72.6058, 55.6243, 99.8383



76.8635, 55.6243, 63.8173

Triad

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



72.6058, 55.6243, 99.8383



53.9928, 55.6243, 18.0431



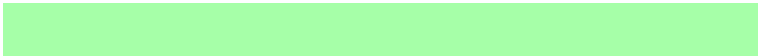
36.2050, 55.6243, 92.3125

Complementary

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



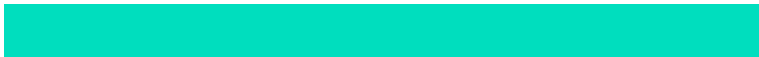
72.6058, 55.6243, 99.8383



58.5555, 82.4550, 49.8774

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.



34.4735, 55.6243, 57.4259



72.6058, 55.6243, 99.8383



43.8657, 55.6243, 21.0941

Square

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



72.6058, 55.6243, 99.8383



65.2252, 55.6243, 22.7158



37.0788, 55.6243, 33.2361



42.1814, 55.6243, 126.6684

Rectangle

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



72.6058, 55.6243, 99.8383



75.7281, 55.6243, 44.5852



37.0788, 55.6243, 33.2361



35.1465, 55.6243, 79.9695

Sweetspot

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



72.6071, 55.6265, 99.8395



87.3558, 84.7589, 105.8810



47.7272, 42.7634, 100.3464



18.4843, 17.7194, 22.5781



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.



72.6071, 55.6265, 99.8395



69.4793, 49.4745, 98.4775



66.3884, 53.1390, 67.0922



18.7740, 18.2929, 22.6931



30.5135, 14.6947, 48.2160



2.9764, 1.4329, 4.7230

Inverse Universe

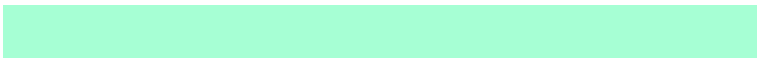
The Inverse Universe completely reimagines the original color for something new.



72.6071, 55.6265, 99.8395



69.4793, 49.4745, 98.4775



63.3690, 84.3804, 75.2254



18.7740, 18.2929, 22.6931



30.5135, 14.6947, 48.2160



2.9764, 1.4329, 4.7230

Previews

White Background



This preview shows how the XYZ color 72.6058, 55.6243, 99.8383 looks on a white background.

Color Contrast Check

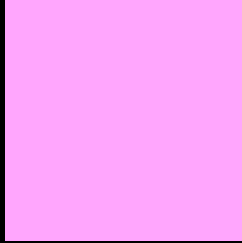
Large Text (above 18pt) WCAG AA × Fail

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 72.6058, 55.6243, 99.8383 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 72.6058, 55.6243, 99.8383

Background



This preview shows how black text looks on a background with the XYZ color 72.6058, 55.6243, 99.8383.



This preview shows how white text looks on a background with the XYZ color 72.6058, 55.6243,

99.8383.

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

72.6058, 55.6243, 99.8383

Protanopia

56.3875, 55.9535, 102.4359

Deuteranopia

57.2484, 55.8644, 96.5725



Tritanopia

63.7926, 55.4207, 57.2042

Trichromacy



Original Color

72.6058, 55.6243, 99.8383



Protanomaly

60.7620, 54.7021, 101.1220



Deuteranomaly

61.9204, 55.0652, 97.8076



Tritanomaly

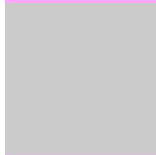
66.6980, 55.4511, 70.8061

Monochromacy



Original Color

72.6058, 55.6243, 99.8383



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

61.5888, 57.5770, 76.2740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6058, 55.6243, 99.8383 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, 166, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 253)  
}
```

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, 166, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 253) }
```

Border

The CSS property to change the border of an element to XYZ 72.6058, 55.6243, 99.8383 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, 166, 253) }
```


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

```
.border{ border-color:rgb(255, 166, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6058, 55.6243, 99.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 253) }
```

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

```
.background{ background-color: rgb(255,  
166, 253) }
```

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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