

Converting Colors

XYZ(71.9055, 56.5054, 92.5703)

Have a look what the booklet for
XYZ(71.9055, 56.5054, 92.5703)
contains.

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Color

**XYZ(71.9439, 56.5411,
92.7096)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAF4
RGB	255, 170, 244
RGB Percent	100%, 67%, 96%
CMY	0.0000, 0.3333, 0.0431
CMYK	0.00, 0.33, 0.04, 0.00
HSL	308°, 100%, 83%
HSV	308°, 33%, 100%
XYZ	71.9439, 56.5411, 92.7096
YIQ	203.8510, 26.9060, 41.0340

Conversions

Conversions Part 2

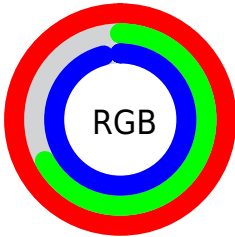
Format	Color
R_{YB}	255, 170, 244
Decimal	16755444
CIE _{Lab}	79.92, 42.22, -24.18
CIE _{LCh}	80, 48.657, 330.200
Yxy	56.5411, 0.3253, 0.2556
Android (android.graphics.Color)	4294945524 (0xFFFFAAAF4)
YUV	203.8510, 19.7935, 44.8577
Hunter-Lab	75.1938, 39.1960, -20.4654

Details

The XYZ color **71.9439, 56.5411, 92.7096** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.6798, 83.4031, 56.6189**, and the grayscale version is **57.1688, 60.1460, 65.4990**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **38.3484, 27.9919, 50.9588** is the 20% darker color. If you saturate the color by 10%, you get **67.1226, 47.6931, 88.6531**, and if you desaturate by 10%, it is **77.7036, 67.2512, 97.1247**.

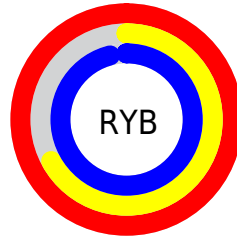
Distribution



Red (100%)

Green (67%)

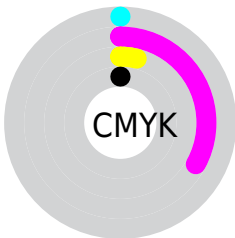
Blue (96%)



Red (100%)

Yellow (67%)

Blue (96%)

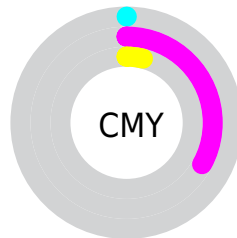


Cyan (0%)

Magenta (33%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9439, 56.5411, 92.7096 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 71.9439, 56.5411, 92.7096 by changing the saturation by 10% instead.


 71.9439, 56.5411,
92.7096

 71.9439, 56.5411,
92.7096


456.5070,
411.7275, 557.6021

 53.3981, 40.6369,
69.6438


 120.9880, 99.7953,
153.0647

 38.3495, 28.0355,
50.7612

152.2171,
127.9141, 191.1912

 26.4325, 18.3524,
35.6432


188.4046,
160.8732, 235.1749

 17.2818, 11.2033,
23.8713

229.9160,
199.0570, 285.4345

 10.5322, 6.2037,
15.0268

277.1166,
242.8500, 342.3885

 5.8182, 2.9694,
8.6914


330.3717,


 2.7744, 1.1158,


292.6365, 406.4554


4.4464


390.0467,
348.8008, 478.0538


 1.0356, 0.0000,
1.8733


 0.0000, 0.0000,
0.4757

 71.9439, 56.5411,
92.7096


 71.9439, 56.5411,
92.7096


 67.1226, 47.6931,
88.6531


 77.7036, 67.2512,
97.1247

 63.1823, 40.5929,
84.9335

 84.4477, 79.9158,
101.9117

 60.0647, 35.1241,
81.5320

 92.2233, 94.6290,
107.0872

 57.7032, 31.1532,
78.4261

95.0500, 100.0000,
108.9000

■ 56.0205, 28.5258,
75.5898

■ 54.9224, 27.0538,
72.9915

■ 54.4249, 26.5340,
71.3608

Harmonies

Analogous

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



63.8609, 56.5411, 121.4816



71.9439, 56.5411, 92.7096



75.0346, 56.5411, 61.3741

Triad

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



71.9439, 56.5411, 92.7096



53.6744, 56.5411, 21.6444



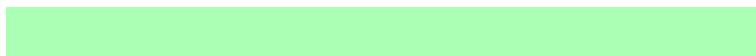
38.9536, 56.5411, 93.1421

Complementary

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



71.9439, 56.5411, 92.7096



60.6798, 83.4031, 56.6189

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.



36.9125, 56.5411, 61.7536



71.9439, 56.5411, 92.7096



44.7504, 56.5411, 25.5298

Square

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



71.9439, 56.5411, 92.7096



63.7322, 56.5411, 25.4244



38.9002, 56.5411, 38.3148



44.8520, 56.5411, 121.7803

Rectangle

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



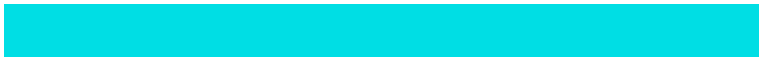
71.9439, 56.5411, 92.7096



73.5863, 56.5411, 44.6421



38.9002, 56.5411, 38.3148



37.8284, 56.5411, 82.2976

Sweetspot

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



71.9451, 56.5433, 92.7108



86.9210, 84.5850, 103.5918



51.2300, 45.6655, 100.7220



18.3783, 17.6770, 22.0200



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.



71.9451, 56.5433, 92.7108



68.6283, 50.4413, 89.9662



66.3461, 54.3037, 63.2270



18.6855, 18.2575, 22.2272



28.4777, 13.8804, 37.4958



2.7998, 1.3623, 3.7930

Inverse Universe

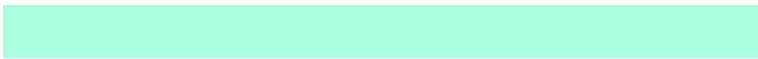
The Inverse Universe completely reimagines the original color for something new.



71.9451, 56.5433, 92.7108



68.6283, 50.4413, 89.9662



65.5799, 85.3631, 82.4223



18.6855, 18.2575, 22.2272



28.4777, 13.8804, 37.4958



2.7998, 1.3623, 3.7930

Previews

White Background



This preview shows how the XYZ color 71.9439, 56.5411, 92.7096 looks on a white background.

Color Contrast Check

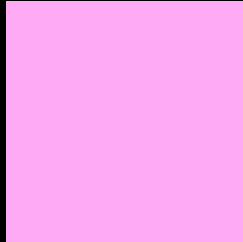
Large Text (above 18pt) WCAG AA × Fail

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 71.9439, 56.5411, 92.7096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

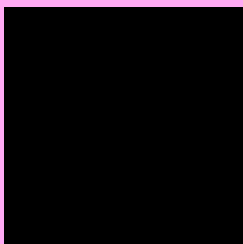
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9439, 56.5411, 92.7096

Background



This preview shows how black text looks on a background with the XYZ color 71.9439, 56.5411, 92.7096.



This preview shows how white text looks on a background with the XYZ color 71.9439, 56.5411,

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

71.9439, 56.5411, 92.7096

Protanopia

57.3184, 56.7671, 102.5439

Deuteranopia

58.0459, 56.7452, 90.3316



Tritanopia

65.1258, 56.6773, 58.5462

Trichromacy



Original Color

71.9439, 56.5411, 92.7096



Protanomaly

61.4774, 56.0610, 98.8474



Deuteranomaly

62.1396, 55.9542, 90.7442



Tritanomaly

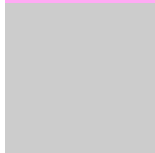
67.1927, 56.3134, 69.6155

Monochromacy



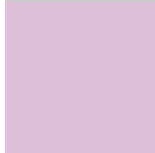
Original Color

71.9439, 56.5411, 92.7096



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

62.0672, 58.5017, 75.0385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9439, 56.5411, 92.7096 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, 170, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 244)  
}
```

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, 170, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 244) }
```

Border

The CSS property to change the border of an element to XYZ 71.9439, 56.5411, 92.7096 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, 170, 244) }
```


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

```
.border{ border-color:rgb(255, 170, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 170, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9439, 56.5411, 92.7096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 244) }
```

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

```
.background{ background-color: rgb(255,  
170, 244) }
```

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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