

Converting Colors

XYZ(71.3775, 54.2134, 96.2048)

Have a look what the booklet for
XYZ(71.3775, 54.2134, 96.2048)
contains.

XYZ(71.4361, 54.2939, 96.3372) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(71.4361, 54.2939,
96.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3F9
RGB	255, 163, 249
RGB Percent	100%, 64%, 98%
CMY	0.0000, 0.3608, 0.0235
CMYK	0.00, 0.36, 0.02, 0.00
HSL	304°, 100%, 82%
HSV	304°, 36%, 100%
XYZ	71.4361, 54.2939, 96.3372
YIQ	200.3120, 27.2260, 46.2500

Conversions

Conversions Part 2

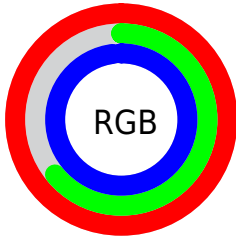
Format	Color
R _Y B	255, 163, 249
Decimal	16753657
CIE _{Lab}	78.63, 46.70, -28.84
CIE _{LCh}	79, 54.889, 328.300
Yxy	54.2939, 0.3217, 0.2445
Android (android.graphics.Color)	4294943737 (0xFFFFA3F9)
YUV	200.3120, 24.0032, 47.9614
Hunter-Lab	73.6844, 44.1058, -25.9385

Details

The XYZ color **71.4361, 54.2939, 96.3372** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.0273, 82.1719, 50.3408**, and the grayscale version is **54.9381, 57.7991, 62.9433**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **38.0090, 26.6134, 53.0028** is the 20% darker color. If you saturate the color by 10%, you get **67.0984, 46.0317, 93.6180**, and if you desaturate by 10%, it is **76.6911, 64.3867, 99.3750**.

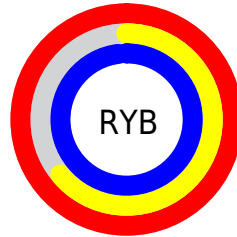
Distribution



Red (100%)

Green (64%)

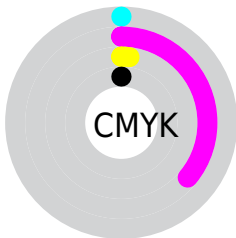
Blue (98%)



Red (100%)

Yellow (64%)

Blue (98%)

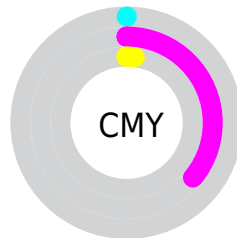


Cyan (0%)

Magenta (36%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4361, 54.2939, 96.3372 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 71.4361, 54.2939, 96.3372 by changing the saturation by 10% instead.


 71.4361, 54.2939,
96.3372


 71.4361, 54.2939,
96.3372

454.7646,
403.2298, 569.5304

 52.9820, 38.8367,
72.6454


 120.2696, 96.5056,
158.1221

 38.0158, 26.6327,
53.1960

 151.3797,
124.0289, 197.0524

 26.1722, 17.2976,
37.5705


187.4392,
156.3431, 241.8992

 17.0859, 10.4469,
25.3502

228.8134,
193.8324, 293.0810

 10.3914, 5.6962,
16.1168

275.8677,
236.8813, 351.0166

 5.7235, 2.6613,
9.4516

328.9674,

 2.7167, 0.9576,

285.8743, 416.1243

4.9361

388.4780,
341.1956, 488.8227

■ 1.0058, 0.0000,
2.1517

■ 0.0000, 0.0000,
0.6463

■ 71.4361, 54.2939,
96.3372

■ 71.4361, 54.2939,
96.3372

■ 67.0984, 46.0317,
93.6180

■ 76.6911, 64.3867,
99.3750

■ 63.6195, 39.4835,
91.1955

■ 82.9105, 76.4050,
102.7449

■ 60.9393, 34.5290,
89.0506

■ 90.1425, 90.4446,
106.4637

■ 58.9886, 31.0299,
87.1601

95.0500, 100.0000,
108.9000

■ 57.6864, 28.8242,
85.4970

■ 56.9321, 27.7106,
84.0277

■ 56.7272, 27.4549,
83.4846

Harmonies

Analogous

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



62.1247, 54.2939, 128.7458



71.4361, 54.2939, 96.3372



75.3547, 54.2939, 60.9048

Triad

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



71.4361, 54.2939, 96.3372



52.2253, 54.2939, 17.2859



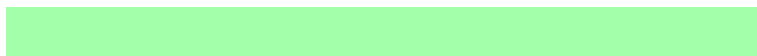
35.3494, 54.2939, 92.1533

Complementary

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



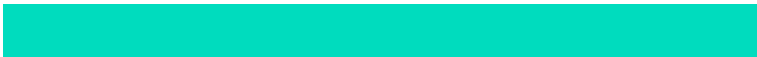
71.4361, 54.2939, 96.3372



58.0273, 82.1719, 50.3408

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.



33.4565, 54.2939, 57.3642



71.4361, 54.2939, 96.3372



42.3449, 54.2939, 20.6086

Square

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



71.4361, 54.2939, 96.3372



63.3441, 54.2939, 21.4979



35.8319, 54.2939, 32.9809



41.4135, 54.2939, 125.7944

Rectangle

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



71.4361, 54.2939, 96.3372



74.0184, 54.2939, 42.2924



35.8319, 54.2939, 32.9809



34.2450, 54.2939, 79.8989

Sweetspot

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



71.4372, 54.2960, 96.3383



86.4523, 83.2736, 104.5881



47.2127, 41.6980, 100.1679



18.2963, 17.4202, 22.2789



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.



71.4372, 54.2960, 96.3383



68.3389, 48.3859, 94.4222



65.2857, 51.8354, 63.9449



18.7385, 18.2787, 22.5061



29.6631, 14.3545, 43.7377



2.9030, 1.4036, 4.3367

Inverse Universe

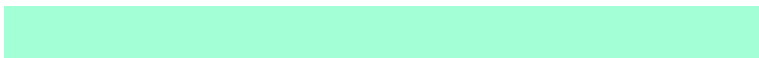
The Inverse Universe completely reimagines the original color for something new.



71.4372, 54.2960, 96.3383



68.3389, 48.3859, 94.4222



62.9523, 84.1419, 76.2756



18.7385, 18.2787, 22.5061



29.6631, 14.3545, 43.7377



2.9030, 1.4036, 4.3367

Previews

White Background



This preview shows how the XYZ color 71.4361, 54.2939, 96.3372 looks on a white background.

Color Contrast Check

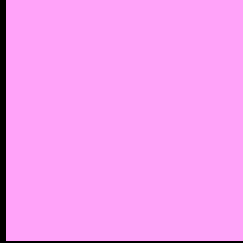
Large Text (above 18pt) WCAG AA × Fail

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 71.4361, 54.2939, 96.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

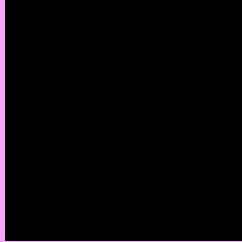
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4361, 54.2939, 96.3372

Background



This preview shows how black text looks on a background with the XYZ color 71.4361, 54.2939, 96.3372.



This preview shows how white text looks on a background with the XYZ color 71.4361, 54.2939,

96.3372.

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

71.4361, 54.2939, 96.3372

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.9462, 54.6121, 93.1805



Tritanopia

62.8731, 54.1082, 55.2743

Trichromacy



Original Color

71.4361, 54.2939, 96.3372



Protanomaly

59.6344, 53.5269, 100.1172



Deuteranomaly

60.5990, 53.8477, 94.3885



Tritanomaly

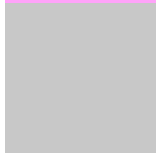
65.7451, 54.1530, 68.6154

Monochromacy



Original Color

71.4361, 54.2939, 96.3372



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.9404, 55.8182, 73.9445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4361, 54.2939, 96.3372 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, 163, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 249)  
}
```

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, 163, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 249) }
```

Border

The CSS property to change the border of an element to XYZ 71.4361, 54.2939, 96.3372 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, 163, 249) }
```


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

```
.border{ border-color:rgb(255, 163, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4361, 54.2939, 96.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 249) }
```

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

```
.background{ background-color: rgb(255,  
163, 249) }
```

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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