

Converting Colors

XYZ(71.5652, 54.4025, 96.8419)

Have a look what the booklet for
XYZ(71.5652, 54.4025, 96.8419)
contains.

XYZ(71.5925, 54.3565, 97.1610)	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(71.5925, 54.3565,
97.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3FA
RGB	255, 163, 250
RGB Percent	100%, 64%, 98%
CMY	0.0000, 0.3608, 0.0196
CMYK	0.00, 0.36, 0.02, 0.00
HSL	303°, 100%, 82%
HSV	303°, 36%, 100%
XYZ	71.5925, 54.3565, 97.1610
YIQ	200.4260, 26.9050, 46.5610

Conversions

Conversions Part 2

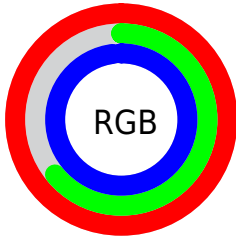
Format	Color
R _Y B	255, 163, 250
Decimal	16753658
CIE Lab	78.67, 46.88, -29.33
CIE LCh	79, 55.293, 327.969
Yxy	54.3565, 0.3209, 0.2436
Android (android.graphics.Color)	4294943738 (0xFFFFA3FA)
YUV	200.4260, 24.4400, 47.8614
Hunter-Lab	73.7269, 44.3105, -26.5266

Details

The XYZ color **71.5925, 54.3565, 97.1610** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.9338, 82.1345, 49.8483**, and the grayscale version is **55.0059, 57.8705, 63.0210**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **38.1202, 26.6579, 53.5884** is the 20% darker color. If you saturate the color by 10%, you get **67.2966, 46.1110, 94.6616**, and if you desaturate by 10%, it is **76.8051, 64.4324, 99.9753**.

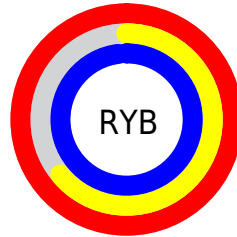
Distribution



Red (100%)

Green (64%)

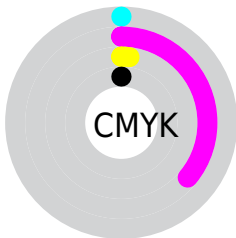
Blue (98%)



Red (100%)

Yellow (64%)

Blue (98%)

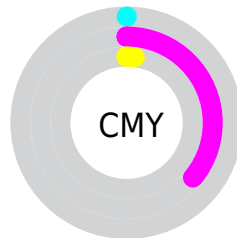


Cyan (0%)

Magenta (36%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5925, 54.3565, 97.1610 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 71.5925, 54.3565, 97.1610 by changing the saturation by 10% instead.


 71.5925, 54.3565,
97.1610


 71.5925, 54.3565,
97.1610


455.3017,
403.4680, 572.2204

 53.1101, 38.8868,
73.3281


 120.4909, 96.5975,
159.2679

 38.1185, 26.6716,
53.7508

 151.6377,
124.1375, 198.3790

 26.2523, 17.3268,
38.0107


187.7367,
156.4698, 243.4199

 17.1462, 10.4677,
25.6891

229.1532,
193.9786, 294.8091

 10.4347, 5.7102,
16.3675

276.2526,
237.0485, 352.9653

 5.7526, 2.6697,
9.6274

329.4002,

 2.7345, 0.9618,

286.0637, 418.3068

5.0503

388.9615,
341.4088, 491.2524

■ 1.0149, 0.0000,
2.2175

■ 0.0000, 0.0000,
0.6845

■ 71.5925, 54.3565,
97.1610

■ 71.5925, 54.3565,
97.1610

■ 67.2966, 46.1110,
94.6616

■ 76.8051, 64.4324,
99.9753

■ 63.8588, 39.5792,
92.4553

■ 82.9814, 76.4334,
103.1180

■ 61.2189, 34.6409,
90.5229

■ 90.1695, 90.4555,
106.6059

■ 59.3079, 31.1576,
88.8413

95.0500, 100.0000,
108.9000

■ 58.0446, 28.9675,
87.3834

■ 57.3286, 27.8692,
86.1157

■ 57.1386, 27.6194,
85.6507

Harmonies

Analogous

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



62.1533, 54.3565, 129.7867



71.5925, 54.3565, 97.1610



75.6235, 54.3565, 61.3422

Triad

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



71.5925, 54.3565, 97.1610



52.4121, 54.3565, 17.1283



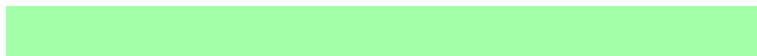
35.2466, 54.3565, 92.1132

Complementary

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



71.5925, 54.3565, 97.1610



57.9338, 82.1345, 49.8483

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.



33.3894, 54.3565, 57.0789



71.5925, 54.3565, 97.1610



42.4271, 54.3565, 20.3709

Square

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



71.5925, 54.3565, 97.1610



63.6229, 54.3565, 21.4359



35.8265, 54.3565, 32.6723



41.3066, 54.3565, 126.2220

Rectangle

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



71.5925, 54.3565, 97.1610



74.3274, 54.3565, 42.5008



35.8265, 54.3565, 32.6723



34.1510, 54.3565, 79.7477

Sweetspot

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



71.5937, 54.3586, 97.1621



86.5009, 83.2930, 104.8444



47.2128, 41.6980, 100.1679



18.3080, 17.4249, 22.3404



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.



71.5937, 54.3586, 97.1621



68.5243, 48.4601, 95.3986



65.2857, 51.8354, 63.9449



18.7475, 18.2823, 22.5536



29.8746, 14.4391, 44.8518



2.9213, 1.4109, 4.4330

Inverse Universe

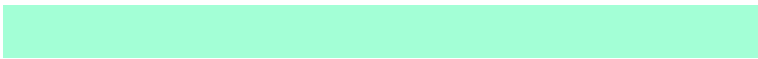
The Inverse Universe completely reimagines the original color for something new.



71.5937, 54.3586, 97.1621



68.5243, 48.4601, 95.3986



62.9523, 84.1419, 76.2756



18.7475, 18.2823, 22.5536



29.8746, 14.4391, 44.8518



2.9213, 1.4109, 4.4330

Previews

White Background



This preview shows how the XYZ color 71.5925, 54.3565, 97.1610 looks on a white background.

Color Contrast Check

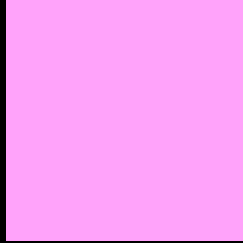
Large Text (above 18pt) WCAG AA × Fail

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 71.5925, 54.3565, 97.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

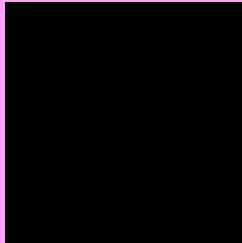
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5925, 54.3565, 97.1610

Background



This preview shows how black text looks on a background with the XYZ color 71.5925, 54.3565, 97.1610.



This preview shows how white text looks on a background with the XYZ color 71.5925, 54.3565,

97.1610.

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

71.5925, 54.3565, 97.1610

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.8513, 54.5455, 93.9709



Tritanopia

62.8731, 54.1082, 55.2743

Trichromacy



Original Color

71.5925, 54.3565, 97.1610



Protanomaly

59.6344, 53.5269, 100.1172



Deuteranomaly

60.4638, 53.7602, 95.1857



Tritanomaly

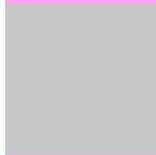
65.7451, 54.1530, 68.6154

Monochromacy



Original Color

71.5925, 54.3565, 97.1610



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 71.5925, 54.3565, 97.1610 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 250) }
```

Border

The CSS property to change the border of an element to XYZ 71.5925, 54.3565, 97.1610 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, 250) }
```


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

```
.border{ border-color:rgb(255, 163, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5925, 54.3565, 97.1610 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
163, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor