

Converting Colors

XYZ(70.5335, 53.8275,
100.2644)

Have a look what the booklet for
XYZ(70.5335, 53.8275, 100.2644)
contains.

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Color

**XYZ(70.4109, 53.6741,
100.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA3FE
RGB	250, 163, 254
RGB Percent	98%, 64%, 100%
CMY	0.0196, 0.3608, 0.0039
CMYK	0.02, 0.36, 0.00, 0.00
HSL	297°, 98%, 82%
HSV	297°, 36%, 100%
XYZ	70.4109, 53.6741, 100.4150
YIQ	199.3870, 22.6410, 46.7450

Conversions

Conversions Part 2

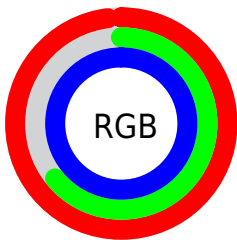
Format	Color
R _Y B	250, 163, 254
Decimal	16425982
CIE Lab	78.27, 46.07, -32.14
CIE LCh	78, 56.175, 325.103
Yxy	53.6741, 0.3136, 0.2391
Android (android.graphics.Color)	4294616062 (0xFFFAA3FE)
YUV	199.3870, 26.9242, 44.3876
Hunter-Lab	73.2626, 43.3424, -29.9801

Details

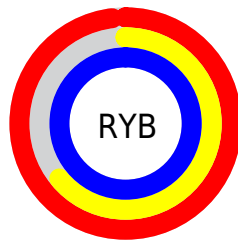
The XYZ color **70.4109, 53.6741, 100.4150** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.9908, 81.7447, 47.3748**, and the grayscale version is **54.3551, 57.1858, 62.2753**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **37.2849, 26.1750, 55.9105** is the 20% darker color. If you saturate the color by 10%, you get **65.9476, 45.3384, 99.0421**, and if you desaturate by 10%, it is **75.7857, 63.8269, 102.0922**.

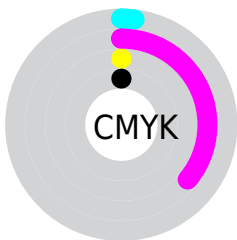
Distribution



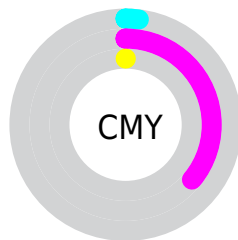
- Red (98%)
- Green (64%)
- Blue (100%)



- Red (98%)
- Yellow (64%)
- Blue (100%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4109, 53.6741, 100.4150 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 70.4109, 53.6741, 100.4150 by changing the saturation by 10% instead.


 70.4109, 53.6741,
100.4150

 70.4109, 53.6741,
100.4150


451.2354,
400.8660, 582.7804

 52.1424, 38.3412,
76.0284


 118.8176, 95.5956,
163.7842

 37.3433, 26.2476,
55.9490


 149.6865,
122.9529, 203.6039

 25.6483, 17.0090,
39.7583


185.4863,
155.0871, 249.4049

 16.6920, 10.2409,
27.0378

226.5823,
192.3827, 301.6060

 10.1091, 5.5590,
17.3689

273.3398,
235.2240, 360.6255

 5.5342, 2.5788,
10.3331

326.1243,

 2.6019, 0.9160,

283.9954, 426.8820

5.5119

385.3010,
339.0813, 500.7942

■ 0.9469, 0.0000,
2.4867

■ 0.0000, 0.0000,
0.8331

■ 70.4109, 53.6741,
100.4150

■ 70.4109, 53.6741,
100.4150

■ 65.9476, 45.3384,
99.0421

■ 75.7857, 63.8269,
102.0922

■ 62.3360, 38.7038,
97.9518

■ 82.1168, 75.8899,
104.0869

■ 59.5174, 33.6518,
97.1252

■ 89.4521, 89.9579,
106.4157

■ 57.4236, 30.0458,
96.5396

94.6937, 99.8349,
108.0459

■ 55.9747, 27.7262,
96.1682

94.8895, 99.9358,
108.0550

■ 55.0718, 26.4950,
95.9781

■ 54.7957, 26.1816,
95.9322

Harmonies

Analogous

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



60.5284, 53.6741, 132.2781



70.4109, 53.6741, 100.4150



75.1333, 53.6741, 63.7691

Triad

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



70.4109, 53.6741, 100.4150



52.8433, 53.6741, 16.4718



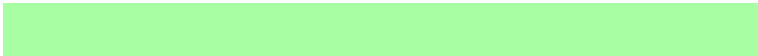
34.1545, 53.6741, 88.1023

Complementary

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



70.4109, 53.6741, 100.4150



57.9908, 81.7447, 47.3748

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.



32.7053, 53.6741, 53.4201



70.4109, 53.6741, 100.4150



42.5557, 53.6741, 18.9520

Square

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



70.4109, 53.6741, 100.4150



64.1028, 53.6741, 21.5000



35.5556, 53.6741, 30.1780



39.8431, 53.6741, 123.5594

Rectangle

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



70.4109, 53.6741, 100.4150



74.2905, 53.6741, 44.0330



35.5556, 53.6741, 30.1780



33.1936, 53.6741, 75.6943

Sweetspot

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



70.4127, 53.6765, 100.4161



86.2933, 83.1578, 106.1106



46.9156, 42.7842, 99.5522



18.2581, 17.3924, 22.6447



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.



70.4127, 53.6765, 100.4161



67.7182, 47.9354, 100.2911



65.9885, 52.0741, 69.5594



18.7091, 18.2573, 22.7879



28.9230, 13.8208, 50.5779



2.8396, 1.3578, 4.9257

Inverse Universe

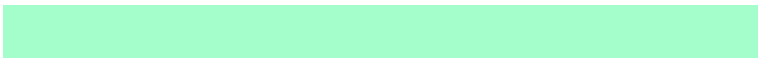
The Inverse Universe completely reimagines the original color for something new.



60.9470, 50.0575, 43.0113



56.9376, 43.8254, 34.3838



61.4410, 83.0287, 69.8853



18.0417, 18.0000, 18.8369



21.5948, 11.1272, 1.2510



2.1135, 1.0878, 0.1790

Previews

White Background



This preview shows how the XYZ color 70.4109, 53.6741, 100.4150 looks on a white background.

Color Contrast Check

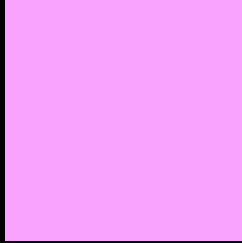
Large Text (above 18pt) WCAG AA × Fail

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 70.4109, 53.6741, 100.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

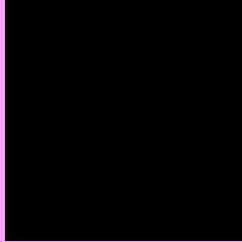
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4109, 53.6741, 100.4150

Background



This preview shows how black text looks on a background with the XYZ color 70.4109, 53.6741, 100.4150.



This preview shows how white text looks on a background with the XYZ color 70.4109, 53.6741,

100.4150.

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

70.4109, 53.6741, 100.4150

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.2795, 53.8568, 97.1044



Tritanopia

61.0952, 53.4691, 55.8157

Trichromacy



Original Color

70.4109, 53.6741, 100.4150



Protanomaly

59.2025, 52.9643, 101.7106



Deuteranomaly

59.7463, 53.0174, 98.3512



Tritanomaly

63.8814, 53.1630, 69.8454

Monochromacy



Original Color

70.4109, 53.6741, 100.4150



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

59.2585, 55.1377, 74.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4109, 53.6741, 100.4150 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(250, 163, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 163, 254)  
}
```

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(250, 163, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 163, 254) }
```

Border

The CSS property to change the border of an element to XYZ 70.4109, 53.6741, 100.4150 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(250, 163, 254) }
```


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

```
.border{ border-color:rgb(250, 163, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 163, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 163, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 163, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 163,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4109, 53.6741, 100.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 163, 254) }
```

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

```
.background{ background-color: rgb(250,  
163, 254) }
```

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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