

Converting Colors

XYZ(76.8715, 59.3045, 90.8996)

Have a look what the booklet for
XYZ(76.8715, 59.3045, 90.8996)
contains.

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Color

**XYZ(71.6801, 56.7367,
90.3924)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFABF1 |
| RGB | 255, 171, 241 |
| RGB Percent | 100%, 67%, 95% |
| CMY | 0.0000, 0.3294, 0.0549 |
| CMYK | 0.00, 0.33, 0.05, 0.00 |
| HSL | 310°, 100%, 84% |
| HSV | 310°, 33%, 100% |
| XYZ | 71.6801, 56.7367, 90.3924 |
| YIQ | 204.0960, 27.5940, 39.5780 |

Conversions

Conversions Part 2

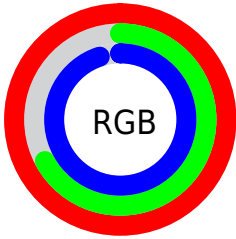
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 171, 241 |
| Decimal | 16755697 |
| CIE _{Lab} | 80.03, 41.19, -22.40 |
| CIE _{LCh} | 80, 46.886, 331.463 |
| Yxy | 56.7367, 0.3276, 0.2593 |
| Android (android.graphics.Color) | 4294945777 (0xFFFFABF1) |
| YUV | 204.0960, 18.1937, 44.6428 |
| Hunter-Lab | 75.3238, 38.0488, -18.4244 |

Details

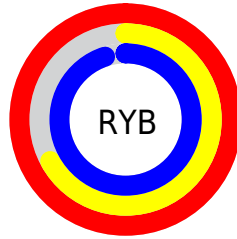
The XYZ color **71.6801, 56.7367, 90.3924** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.3133, 83.6816, 58.8223**, and the grayscale version is **57.3329, 60.3187, 65.6870**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **38.1442, 28.0957, 49.3115** is the 20% darker color. If you saturate the color by 10%, you get **66.6926, 47.7656, 85.6348**, and if you desaturate by 10%, it is **77.6140, 67.5764, 95.5401**.

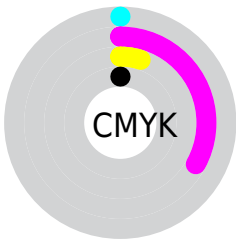
Distribution



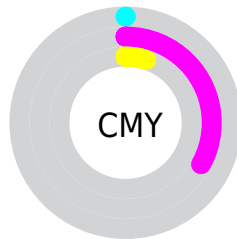
- Red (100%)
- Green (67%)
- Blue (95%)



- Red (100%)
- Yellow (67%)
- Blue (95%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6801, 56.7367, 90.3924 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 71.6801, 56.7367, 90.3924 by changing the saturation by 10% instead.


 71.6801, 56.7367,
90.3924

 71.6801, 56.7367,
90.3924

455.6023,
412.4620, 549.9095

 53.1819, 40.7939,
67.7306

 120.6149,
100.0809, 149.8236

 38.1761, 28.1581,
49.2133

151.7822,
128.2511, 187.4301

 26.2972, 18.4448,
34.4219


187.9032,
161.2658, 230.8552

 17.1800, 11.2698,
22.9379

229.3434,
199.5095, 280.5176

 10.4590, 6.2486,
14.3428

276.4680,
243.3666, 336.8356

 5.7689, 2.9968,
8.2180

329.6425,

 2.7444, 1.1301,

293.2214, 400.2279

4.1450

389.2321,
349.4584, 471.1130

■ 1.0201, 0.0035,
1.7052

■ 0.0000, 0.0000,
0.3643

■ 71.6801, 56.7367,
90.3924

■ 71.6801, 56.7367,
90.3924

■ 66.6926, 47.7656,
85.6348

■ 77.6140, 67.5764,
95.5401

■ 62.5940, 40.5491,
81.2453

■ 84.5400, 80.3765,
101.0913

■ 59.3263, 34.9711,
77.2049

■ 92.5052, 95.2312,
107.0629

■ 56.8232, 30.8988,
73.4909

95.0500, 100.0000,
108.9000

■ 55.0077, 28.1789,
70.0772

■ 53.7866, 26.6249,
66.9323

■ 53.1869, 26.0387,
64.8413

Harmonies

Analogous

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



64.0678, 56.7367, 118.2245



71.6801, 56.7367, 90.3924



74.3979, 56.7367, 60.4462

Triad

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



71.6801, 56.7367, 90.3924



53.4600, 56.7367, 22.7631



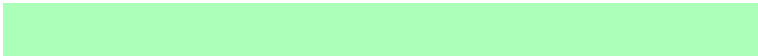
39.7575, 56.7367, 93.4172

Complementary

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



71.6801, 56.7367, 90.3924



61.3133, 83.6816, 58.8223

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.



37.6037, 56.7367, 63.1264



71.6801, 56.7367, 90.3924



44.9162, 56.7367, 26.9538

Square

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



71.6801, 56.7367, 90.3924



63.1629, 56.7367, 26.1902



39.3768, 56.7367, 39.9441



45.6375, 56.7367, 120.3022

Rectangle

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



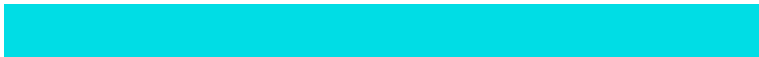
71.6801, 56.7367, 90.3924



72.8414, 56.7367, 44.4947



39.3768, 56.7367, 39.9441



38.6071, 56.7367, 83.0380

Sweetspot

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



71.6814, 56.7390, 90.3936



86.7711, 84.5250, 102.8019



52.2867, 46.4897, 100.8253



18.3418, 17.6624, 21.8278



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.



71.6814, 56.7390, 90.3936



68.0639, 50.2155, 86.9941



66.2766, 54.5771, 61.9326



18.6550, 18.2453, 22.0663



27.8394, 13.6251, 34.1344



2.7436, 1.3398, 3.4973

Inverse Universe

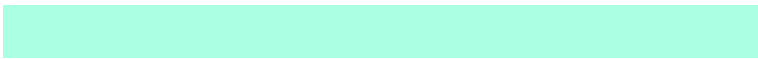
The Inverse Universe completely reimagines the original color for something new.



71.6814, 56.7390, 90.3936



68.0639, 50.2155, 86.9941



66.2288, 85.6478, 84.7066



18.6550, 18.2453, 22.0663



27.8394, 13.6251, 34.1344



2.7436, 1.3398, 3.4973

Previews

White Background



This preview shows how the XYZ color 71.6801, 56.7367, 90.3924 looks on a white background.

Color Contrast Check

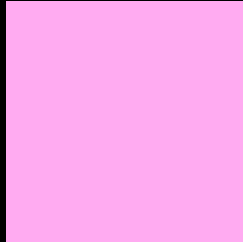
Large Text (above 18pt) WCAG AA × Fail

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 71.6801, 56.7367, 90.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

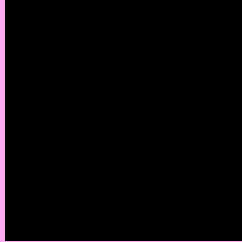
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6801, 56.7367, 90.3924

Background



This preview shows how black text looks on a background with the XYZ color 71.6801, 56.7367, 90.3924.



This preview shows how white text looks on a background with the XYZ color 71.6801, 56.7367,

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

71.6801, 56.7367, 90.3924

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.3973, 56.9774, 88.0406



Tritanopia

65.1258, 56.6773, 58.5462

Trichromacy



Original Color

71.6801, 56.7367, 90.3924



Protanomaly

61.8169, 56.5702, 98.1035



Deuteranomaly

62.5067, 56.5065, 88.5013



Tritanomaly

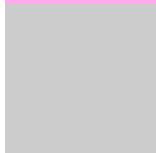
67.2637, 56.6567, 69.0187

Monochromacy



Original Color

71.6801, 56.7367, 90.3924



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.8054, 58.3970, 73.6599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6801, 56.7367, 90.3924 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, 171, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 241)  
}
```

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, 171, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.6801, 56.7367, 90.3924 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, 171, 241) }
```


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

```
.border{ border-color:rgb(255, 171, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6801, 56.7367, 90.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 241) }
```

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

```
.background{ background-color: rgb(255,  
171, 241) }
```

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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