

Converting Colors

XYZ(72.1886, 56.9441, 93.0581)

Have a look what the booklet for
XYZ(72.1886, 56.9441, 93.0581)
contains.

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Color

**XYZ(72.1320, 56.9175,
92.7723)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABF4
RGB	255, 171, 244
RGB Percent	100%, 67%, 96%
CMY	0.0000, 0.3294, 0.0431
CMYK	0.00, 0.33, 0.04, 0.00
HSL	308°, 100%, 84%
HSV	308°, 33%, 100%
XYZ	72.1320, 56.9175, 92.7723
YIQ	204.4380, 26.6310, 40.5110

Conversions

Conversions Part 2

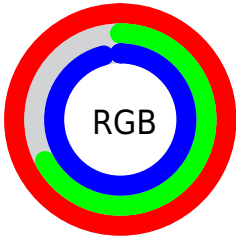
Format	Color
R _Y B	255, 171, 244
Decimal	16755700
CIE Lab	80.13, 41.70, -23.86
CIE LCh	80, 48.047, 330.227
Yxy	56.9175, 0.3252, 0.2566
Android (android.graphics.Color)	4294945780 (0xFFFFABF4)
YUV	204.4380, 19.5041, 44.3429
Hunter-Lab	75.4437, 38.6381, -20.0977

Details

The XYZ color **72.1320, 56.9175, 92.7723** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9999, 83.5562, 57.1717**, and the grayscale version is **57.5415, 60.5382, 65.9261**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **38.4643, 28.2237, 50.9974** is the 20% darker color. If you saturate the color by 10%, you get **67.2696, 47.9965, 88.6731**, and if you desaturate by 10%, it is **77.9353, 67.7050, 97.2319**.

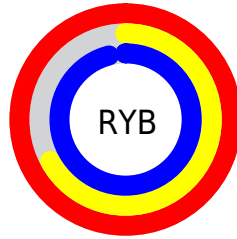
Distribution



Red (100%)

Green (67%)

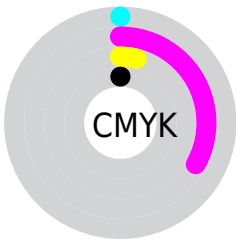
Blue (96%)



Red (100%)

Yellow (67%)

Blue (96%)

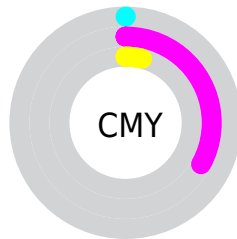


Cyan (0%)

Magenta (33%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1320, 56.9175, 92.7723 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 72.1320, 56.9175, 92.7723 by changing the saturation by 10% instead.


 72.1320, 56.9175,
92.7723

 72.1320, 56.9175,
92.7723


457.1514,
413.1401, 557.8095

 53.5524, 40.9390,
69.6957

 121.2540,
100.3448, 153.1523

 38.4731, 28.2714,
50.8032

152.5270,
128.5624, 191.2927

 26.5290, 18.5304,
35.6764


188.7619,
161.6285, 235.2915

 17.3546, 11.3314,
23.8966

230.3240,
199.9275, 285.5672

 10.5845, 6.2902,
15.0455

277.5786,
243.8437, 342.5383

 5.8534, 3.0223,
8.7043

330.8912,

 2.7959, 1.1434,

293.7616, 406.6233

4.4547

390.6270,
350.0656, 478.2409

■ 1.0468, 0.0147,
1.8779

■ 0.0000, 0.0000,
0.4786

■ 72.1320, 56.9175,
92.7723

■ 72.1320, 56.9175,
92.7723

■ 67.2696, 47.9965,
88.6731

■ 77.9353, 67.7050,
97.2319

■ 63.2904, 40.8277,
84.9127

■ 84.7250, 80.4506,
102.0651

■ 60.1367, 35.2952,
81.4724

■ 92.5481, 95.2484,
107.2886

■ 57.7420, 31.2664,
78.3296

95.0500, 100.0000,
108.9000

■ 56.0296, 28.5877,
75.4586

■ 54.9063, 27.0728,
72.8282

■ 54.3723, 26.5129,
71.0836

Harmonies

Analogous

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



64.1360, 56.9175, 121.1774



72.1320, 56.9175, 92.7723



75.1830, 56.9175, 61.7598

Triad

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



72.1320, 56.9175, 92.7723



54.0237, 56.9175, 22.1925



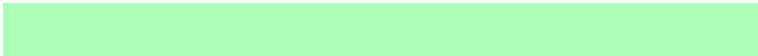
39.4132, 56.9175, 93.2580

Complementary

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



72.1320, 56.9175, 92.7723



60.9999, 83.5562, 57.1717

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.



37.3778, 56.9175, 62.1876



72.1320, 56.9175, 92.7723



45.1668, 56.9175, 26.0964

Square

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



72.1320, 56.9175, 92.7723



63.9912, 56.9175, 25.9764



39.3528, 56.9175, 38.8790



45.2816, 56.9175, 121.5122

Rectangle

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



72.1320, 56.9175, 92.7723



73.7471, 56.9175, 45.1448



39.3528, 56.9175, 38.8790



38.2920, 56.9175, 82.5374

Sweetspot

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



72.1333, 56.9198, 92.7735



86.9148, 84.5825, 103.5590



51.6245, 46.1483, 100.7944



18.3768, 17.6764, 22.0121



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.



72.1333, 56.9198, 92.7735



68.6047, 50.4318, 89.8420



66.6078, 54.7096, 63.6767



18.6843, 18.2570, 22.2205



28.4506, 13.8695, 37.3530



2.7974, 1.3613, 3.7805

Inverse Universe

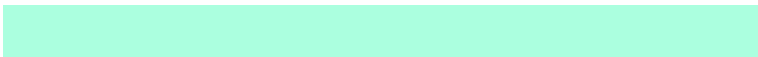
The Inverse Universe completely reimagines the original color for something new.



72.1333, 56.9198, 92.7735



68.6047, 50.4318, 89.8420



65.8485, 85.4957, 82.7041



18.6843, 18.2570, 22.2205



28.4506, 13.8695, 37.3530



2.7974, 1.3613, 3.7805

Previews

White Background



This preview shows how the XYZ color 72.1320, 56.9175, 92.7723 looks on a white background.

Color Contrast Check

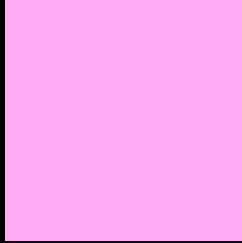
Large Text (above 18pt) WCAG AA × Fail

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 72.1320, 56.9175, 92.7723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

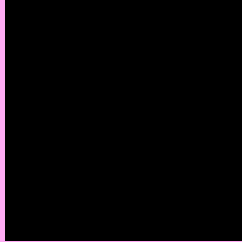
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1320, 56.9175, 92.7723

Background



This preview shows how black text looks on a background with the XYZ color 72.1320, 56.9175, 92.7723.



This preview shows how white text looks on a background with the XYZ color 72.1320, 56.9175,

92.7723.

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

72.1320, 56.9175, 92.7723

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.5320, 57.3273, 90.4184



Tritanopia

65.3284, 57.0825, 58.6138

Trichromacy



Original Color

72.1320, 56.9175, 92.7723



Protanomaly

61.9741, 56.6331, 98.9317



Deuteranomaly

62.6495, 56.5288, 90.8282



Tritanomaly

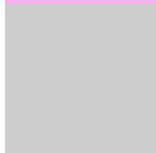
67.3895, 56.7070, 69.6811

Monochromacy



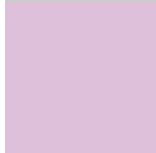
Original Color

72.1320, 56.9175, 92.7723



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 72.1320, 56.9175, 92.7723 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.1320, 56.9175, 92.7723 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, 244) }
```


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

```
.border{ border-color:rgb(255, 171, 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, 171, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1320, 56.9175, 92.7723 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, 244) }
```

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

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