

Converting Colors

XYZ(69.0590, 55.6429, 76.7295)

Have a look what the booklet for
XYZ(69.0590, 55.6429, 76.7295)
contains.

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Color

**XYZ(69.1222, 55.7135,
76.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABDF
RGB	255, 171, 223
RGB Percent	100%, 67%, 87%
CMY	0.0000, 0.3294, 0.1255
CMYK	0.00, 0.33, 0.13, 0.00
HSL	323°, 100%, 84%
HSV	323°, 33%, 100%
XYZ	69.1222, 55.7135, 76.9227
YIQ	202.0440, 33.3720, 33.9800

Conversions

Conversions Part 2

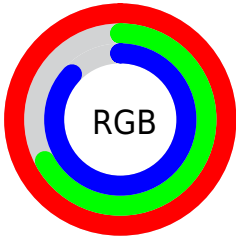
Format	Color
R _Y B	255, 171, 223
Decimal	16755679
CIE Lab	79.45, 38.21, -13.56
CIE LCh	79, 40.547, 340.467
Yxy	55.7135, 0.3426, 0.2761
Android (android.graphics.Color)	4294945759 (0xFFFFABDF)
YUV	202.0440, 10.3313, 46.4424
Hunter-Lab	74.6415, 34.6784, -8.8530

Details

The XYZ color **69.1222, 55.7135, 76.9227** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.3360, 84.4906, 69.4731**, and the grayscale version is **56.0907, 59.0118, 64.2638**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **36.4551, 27.4200, 40.4170** is the 20% darker color. If you saturate the color by 10%, you get **63.4895, 46.4844, 68.7677**, and if you desaturate by 10%, it is **75.7616, 66.8355, 85.7855**.

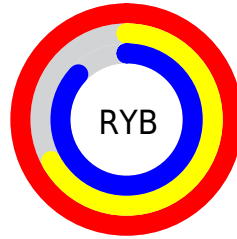
Distribution



Red (100%)

Green (67%)

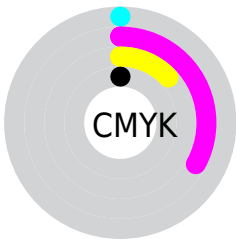
Blue (87%)



Red (100%)

Yellow (67%)

Blue (87%)

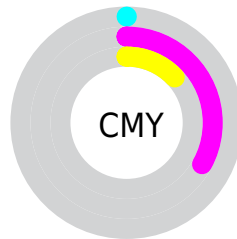


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1222, 55.7135, 76.9227 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 69.1222, 55.7135, 76.9227 by changing the saturation by 10% instead.


 69.1222, 55.7135,
76.9227

 69.1222, 55.7135,
76.9227


446.7765,
408.6109, 503.9311

 51.0882, 39.9733,
56.6782


 116.9892, 98.5856,
130.8024

 36.5002, 27.5177,
40.3393

147.5530,
126.4862, 165.2747

 24.9926, 17.9624,
27.4874


183.0240,
159.2090, 205.3267

 16.2003, 10.9230,
17.7040

223.7678,
197.1385, 251.3769

 9.7577, 6.0151,
10.5704

270.1495,
240.6591, 303.8439

 5.2996, 2.8543,
5.6683

322.5347,

 2.4607, 1.0561,

290.1551, 363.1463

2.5789

381.2885,
346.0109, 429.7025

■ 0.8755, 0.0000,
0.8815

■ 0.0000, 0.0000,
0.0000

■ 69.1222, 55.7135,
76.9227

■ 69.1222, 55.7135,
76.9227

■ 63.4895, 46.4844,
68.7677

■ 75.7616, 66.8355,
85.7855

■ 58.8050, 39.0335,
61.2927

■ 83.4546, 79.9424,
95.3756

■ 55.0094, 33.2443,
54.4723

■ 92.2494, 95.1289,
105.7156

■ 52.0352, 28.9836,
48.2776

95.0500, 100.0000,
108.9000

■ 49.8042, 26.0975,
42.6758

■ 48.2218, 24.3990,
37.6285

■ 47.3989, 23.7236,
34.3626

Harmonies

Analogous

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



63.7790, 55.7135, 101.5679



69.1222, 55.7135, 76.9227



69.8900, 55.7135, 52.8756

Triad

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



69.1222, 55.7135, 76.9227



50.1602, 55.7135, 26.3903



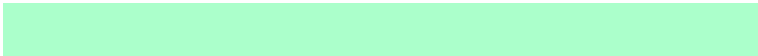
41.9138, 55.7135, 94.6648

Complementary

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



69.1222, 55.7135, 76.9227



63.3360, 84.4906, 69.4731

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.



39.0021, 55.7135, 69.1787



69.1222, 55.7135, 76.9227



43.4289, 55.7135, 32.5451

Square

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



69.1222, 55.7135, 76.9227



58.3629, 55.7135, 27.4575



39.5268, 55.7135, 46.8722



47.8901, 55.7135, 113.4924

Rectangle

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



69.1222, 55.7135, 76.9227



67.6271, 55.7135, 40.6493



39.5268, 55.7135, 46.8722



40.5734, 55.7135, 86.3563

Sweetspot

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



69.1235, 55.7158, 76.9238



85.9229, 84.1857, 98.3356



56.9181, 48.8773, 101.0421



18.1358, 17.5800, 20.7431



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.



69.1235, 55.7158, 76.9238



65.0442, 49.0077, 71.0929



64.2688, 53.7740, 51.3593



18.4821, 18.1762, 21.1561



24.8420, 12.4261, 18.3505



2.4721, 1.2312, 2.0673

Inverse Universe

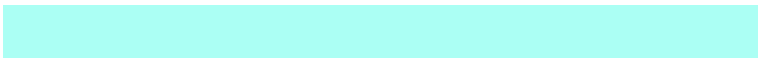
The Inverse Universe completely reimagines the original color for something new.



69.1235, 55.7158, 76.9238



65.0442, 49.0077, 71.0929



68.8548, 86.6982, 98.5348



18.4821, 18.1762, 21.1561



24.8420, 12.4261, 18.3505



2.4721, 1.2312, 2.0673

Previews

White Background



This preview shows how the XYZ color 69.1222, 55.7135, 76.9227 looks on a white background.

Color Contrast Check

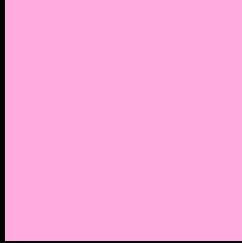
Large Text (above 18pt) WCAG AA × Fail

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 69.1222, 55.7135, 76.9227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

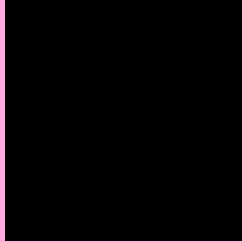
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1222, 55.7135, 76.9227

Background



This preview shows how black text looks on a background with the XYZ color 69.1222, 55.7135, 76.9227.



This preview shows how white text looks on a background with the XYZ color 69.1222, 55.7135,

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

69.1222, 55.7135, 76.9227

Protanopia

55.8341, 55.9536, 89.5187

Deuteranopia

57.0894, 55.9356, 74.8055



Tritanopia

64.8001, 55.6712, 56.0455

Trichromacy



Original Color

69.1222, 55.7135, 76.9227



Protanomaly

59.4183, 54.9981, 84.5748



Deuteranomaly

60.7992, 55.2956, 75.1788



Tritanomaly

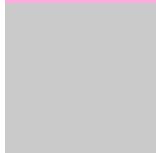
66.1355, 55.6197, 63.1271

Monochromacy



Original Color

69.1222, 55.7135, 76.9227



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

60.0825, 57.2869, 68.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1222, 55.7135, 76.9227 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.1222, 55.7135, 76.9227 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, 223) }
```


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

```
.border{ border-color:rgb(255, 171, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1222, 55.7135, 76.9227 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
171, 223) }
```

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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