

Converting Colors

XYZ(111.2398, 77.2638,
75.2854)

Have a look what the booklet for
XYZ(111.2398, 77.2638, 75.2854)
contains.

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Color

**XYZ(68.2696, 55.0714,
73.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAADA
RGB	255, 170, 218
RGB Percent	100%, 67%, 85%
CMY	0.0000, 0.3333, 0.1451
CMYK	0.00, 0.33, 0.15, 0.00
HSL	326°, 100%, 83%
HSV	326°, 33%, 100%
XYZ	68.2696, 55.0714, 73.3613
YIQ	200.8870, 35.2520, 32.9480

Conversions

Conversions Part 2

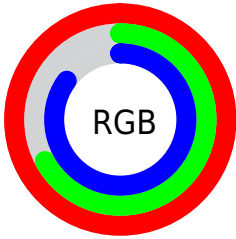
Format	Color
R _Y B	255, 170, 218
Decimal	16755418
CIE Lab	79.08, 37.94, -11.40
CIE LCh	79, 39.619, 343.279
Yxy	55.0714, 0.3471, 0.2800
Android (android.graphics.Color)	4294945498 (0xFFFFAADA)
YUV	200.8870, 8.4367, 47.4571
Hunter-Lab	74.2101, 34.3434, -6.6648

Details

The XYZ color **68.2696, 55.0714, 73.3613** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.6020, 84.5720, 72.0066**, and the grayscale version is **55.3828, 58.2670, 63.4527**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **35.8822, 27.0054, 37.9717** is the 20% darker color. If you saturate the color by 10%, you get **62.5404, 45.8603, 64.5234**, and if you desaturate by 10%, it is **75.0258, 66.1802, 83.0229**.

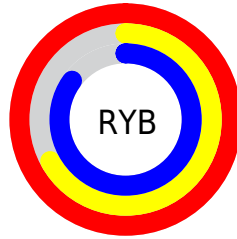
Distribution



Red (100%)

Green (67%)

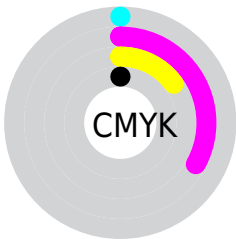
Blue (85%)



Red (100%)

Yellow (67%)

Blue (85%)

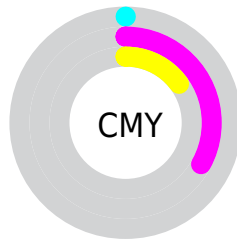


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2696, 55.0714, 73.3613 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 68.2696, 55.0714, 73.3613 by changing the saturation by 10% instead.


 68.2696, 55.0714,
73.3613

 68.2696, 55.0714,
73.3613


443.8124,
406.1825, 491.3704

 50.3916, 39.4589,
53.7778


 115.7775, 97.6456,
125.7157

 35.9437, 27.1169,
38.0321

146.1382,
125.3760, 159.3236

 24.5606, 17.6610,
25.7056


181.3903,
157.9145, 198.4435

 15.8770, 10.7069,
16.3797

221.8995,
195.6456, 243.4938

 9.5274, 5.8701,
9.6360

268.0309,
238.9535, 294.8931

 5.1466, 2.7663,
5.0559


320.1499,


 2.3692, 1.0110,


288.2227, 353.0600


2.2208


378.6220,
343.8376, 418.4129


 0.8297, 0.0000,
0.6863


 0.0000, 0.0000,
0.0000


 68.2696, 55.0714,
73.3613


 68.2696, 55.0714,
73.3613


 62.5404, 45.8603,
64.5234


 75.0258, 66.1802,
83.0229

 57.7786, 38.4315,
56.4781

 82.8563, 79.2794,
93.5310

 53.9242, 32.6680,
49.1963

 91.8103, 94.4640,
104.9115

 50.9084, 28.4354,
42.6452

95.0500, 100.0000,
108.9000

■ 48.6520, 25.5785,
36.7881

■ 47.0589, 23.9084,
31.5825

■ 46.2737, 23.2735,
28.4369

Harmonies

Analogous

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



63.4555, 55.0714, 97.5094



68.2696, 55.0714, 73.3613



68.5517, 55.0714, 50.5214

Triad

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



68.2696, 55.0714, 73.3613



48.9337, 55.0714, 26.8230



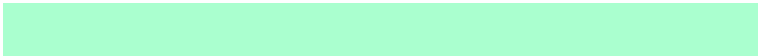
42.0518, 55.0714, 94.9786

Complementary

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



68.2696, 55.0714, 73.3613



63.6020, 84.5720, 72.0066

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.



38.9159, 55.0714, 70.5141



68.2696, 55.0714, 73.3613



42.6113, 55.0714, 33.5549

Square

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



68.2696, 55.0714, 73.3613



56.8338, 55.0714, 27.2202



39.1098, 55.0714, 48.3049



48.0966, 55.0714, 111.9808

Rectangle

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



68.2696, 55.0714, 73.3613



66.0877, 55.0714, 39.1315



39.1098, 55.0714, 48.3049



40.6510, 55.0714, 87.1223

Sweetspot

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



68.2709, 55.0738, 73.3624



85.7117, 84.1013, 97.2236



58.1124, 49.2137, 101.0441



18.0847, 17.5596, 20.4738



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.



68.2709, 55.0738, 73.3624



64.3388, 48.7255, 67.3781



63.4200, 53.1334, 47.8177



18.4391, 18.1589, 20.9292



24.2554, 12.1914, 15.2611



2.4165, 1.2090, 1.7750

Inverse Universe

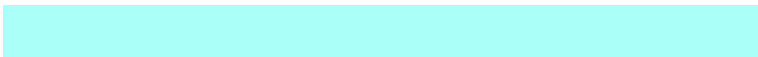
The Inverse Universe completely reimagines the original color for something new.



68.2709, 55.0738, 73.3624



64.3388, 48.7255, 67.3781



69.4899, 86.9271, 103.0118



18.4391, 18.1589, 20.9292



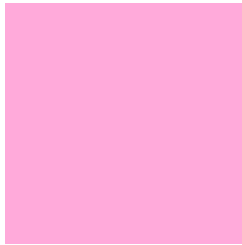
24.2554, 12.1914, 15.2611



2.4165, 1.2090, 1.7750

Previews

White Background



This preview shows how the XYZ color 68.2696, 55.0714, 73.3613 looks on a white background.

Color Contrast Check

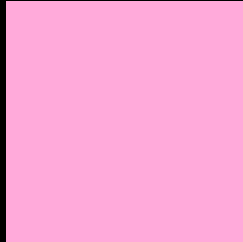
Large Text (above 18pt) WCAG AA × Fail

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 68.2696, 55.0714, 73.3613 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 68.2696, 55.0714, 73.3613

Background



This preview shows how black text looks on a background with the XYZ color 68.2696, 55.0714, 73.3613.



This preview shows how white text looks on a background with the XYZ color 68.2696, 55.0714,

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

68.2696, 55.0714, 73.3613

Protanopia

55.1054, 55.6621, 85.6814

Deuteranopia

56.5005, 55.3820, 71.3302



Tritanopia

64.6602, 55.0295, 55.3579

Trichromacy



Original Color

68.2696, 55.0714, 73.3613



Protanomaly

58.7139, 54.7163, 80.8655



Deuteranomaly

59.9397, 54.6206, 71.6736



Tritanomaly

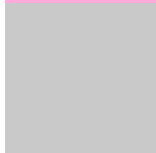
65.8769, 54.9399, 61.7760

Monochromacy



Original Color

68.2696, 55.0714, 73.3613



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.4947, 56.7041, 66.8408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2696, 55.0714, 73.3613 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, 170, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 218)  
}
```

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, 170, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.2696, 55.0714, 73.3613 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, 170, 218) }
```


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

```
.border{ border-color:rgb(255, 170, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2696, 55.0714, 73.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 218) }
```

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

```
.background{ background-color: rgb(255,  
170, 218) }
```

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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