

Converting Colors

XYZ(69.9266, 55.8099, 91.5028)

Have a look what the booklet for
XYZ(69.9266, 55.8099, 91.5028)
contains.

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Color

**XYZ(70.1649, 55.9209,
91.8897)**

Conversions

Conversions Part 1

Format	Color
Hex	FAABF3
RGB	250, 171, 243
RGB Percent	98%, 67%, 95%
CMY	0.0196, 0.3294, 0.0471
CMYK	0.00, 0.32, 0.03, 0.02
HSL	305°, 89%, 83%
HSV	305°, 32%, 98%
XYZ	70.1649, 55.9209, 91.8897
YIQ	202.8290, 23.9720, 39.1400

Conversions

Conversions Part 2

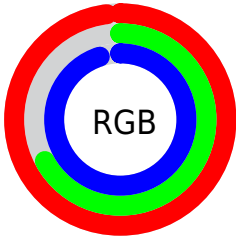
Format	Color
R _Y B	250, 171, 243
Decimal	16428019
CIE Lab	79.57, 39.95, -24.23
CIE LCh	80, 46.725, 328.767
Yxy	55.9209, 0.3219, 0.2565
Android (android.graphics.Color)	4294618099 (0xFFFAABF3)
YUV	202.8290, 19.8043, 41.3690
Hunter-Lab	74.7803, 36.6176, -20.5091

Details

The XYZ color **70.1649, 55.9209, 91.8897** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.0184, 80.2453, 54.5011**, and the grayscale version is **56.5283, 59.4721, 64.7651**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **37.0692, 27.5169, 50.3712** is the 20% darker color. If you saturate the color by 10%, you get **65.5498, 47.2218, 88.7111**, and if you desaturate by 10%, it is **75.6806, 66.4126, 95.3896**.

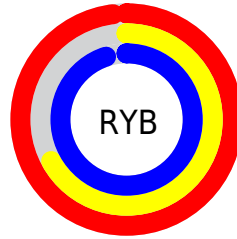
Distribution



Red (98%)

Green (67%)

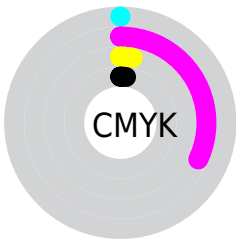
Blue (95%)



Red (98%)

Yellow (67%)

Blue (95%)

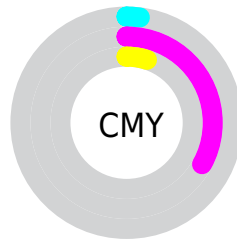


Cyan (0%)

Magenta (32%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (33%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1649, 55.9209, 91.8897 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 70.1649, 55.9209, 91.8897 by changing the saturation by 10% instead.


 70.1649, 55.9209,
91.8897

 70.1649, 55.9209,
91.8897


450.3862,
409.3933, 554.8869

 51.9411, 40.1395,
68.9665


 118.4689, 98.8889,
151.9189

 37.1822, 27.6473,
50.2128

149.2797,
126.8443, 189.8619

 25.5229, 18.0600,
35.2102


185.0169,
159.6265, 233.6487

 16.5979, 10.9931,
23.5400

226.0459,
197.6199, 283.6977

 10.0417, 6.0622,
14.7837

272.7319,
241.2089, 340.4275

 5.4891, 2.8829,
8.5228

325.4404,

 2.5747, 1.0709,

290.7779, 404.2566

4.3387

384.5367,
346.7112, 475.6035

■ 0.9331, 0.0000,
1.8129

■ 0.0000, 0.0000,
0.4365

■ 70.1649, 55.9209,
91.8897

■ 70.1649, 55.9209,
91.8897

■ 65.5498, 47.2218,
88.7111

■ 75.6806, 66.4126,
95.3896

■ 61.7794, 40.2069,
85.8333

■ 82.1381, 78.7825,
99.2229

■ 58.8001, 34.7677,
83.2390

■ 89.5826, 93.1196,
103.4052

■ 56.5497, 30.7799,
80.9073

■ 92.7338, 98.8638,
106.1766

■ 54.9567, 28.1005,
78.8144

■ 93.0868, 99.0050,
108.0354

■ 53.9351, 26.5576,
76.9316

■ 93.2348, 99.0643,
108.8151

■ 53.4072, 25.9172,
75.4749

Harmonies

Analogous

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



62.3391, 55.9209, 118.5163



70.1649, 55.9209, 91.8897



73.3617, 55.9209, 62.0096

Triad

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



70.1649, 55.9209, 91.8897



53.5412, 55.9209, 22.3960



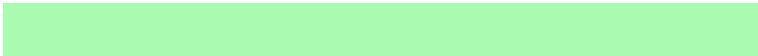
38.8209, 55.9209, 89.3733

Complementary

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



70.1649, 55.9209, 91.8897



59.0184, 80.2453, 54.5011

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.



37.0418, 55.9209, 59.7807



70.1649, 55.9209, 91.8897



44.9134, 55.9209, 25.8340

Square

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



70.1649, 55.9209, 91.8897



63.0918, 55.9209, 26.4684



39.1373, 55.9209, 37.7854



44.3137, 55.9209, 116.7873

Rectangle

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



70.1649, 55.9209, 91.8897



72.1812, 55.9209, 45.6976



39.1373, 55.9209, 37.7854



37.7994, 55.9209, 79.1198

Sweetspot

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



70.1667, 55.9234, 91.8909



87.8349, 86.0911, 104.8881



50.0854, 45.4466, 96.5759



18.5678, 17.9800, 22.3176



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.



70.1667, 55.9234, 91.8909



70.1819, 52.4271, 93.9419



64.8784, 53.8081, 64.0434



17.9228, 17.4965, 21.4492



28.3562, 13.7582, 40.1796



2.6452, 1.2818, 3.8208

Inverse Universe

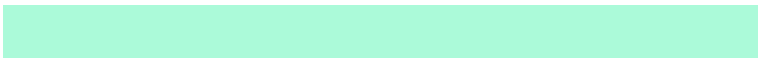
The Inverse Universe completely reimagines the original color for something new.



70.1667, 55.9234, 91.8909



70.1819, 52.4271, 93.9419



63.5175, 82.0449, 78.1932



17.9228, 17.4965, 21.4492



28.3562, 13.7582, 40.1796



2.6452, 1.2818, 3.8208

Previews

White Background



This preview shows how the XYZ color 70.1649, 55.9209, 91.8897 looks on a white background.

Color Contrast Check

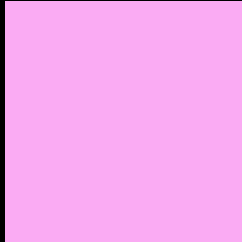
Large Text (above 18pt) WCAG AA × Fail

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 70.1649, 55.9209, 91.8897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

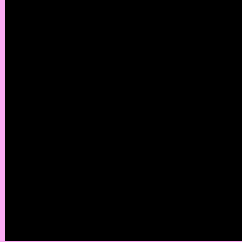
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1649, 55.9209, 91.8897

Background



This preview shows how black text looks on a background with the XYZ color 70.1649, 55.9209, 91.8897.



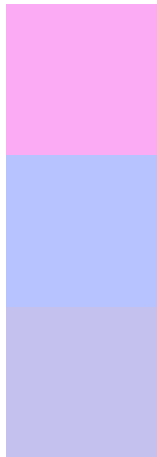
This preview shows how white text looks on a background with the XYZ color 70.1649, 55.9209,

91.8897.

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

70.1649, 55.9209, 91.8897

Protanopia

56.8565, 56.1953, 102.4579

Deuteranopia

57.4149, 56.1077, 89.4651



Tritanopia

63.3671, 55.7707, 58.4639

Trichromacy



Original Color

70.1649, 55.9209, 91.8897



Protanomaly

60.7036, 55.3482, 98.7506



Deuteranomaly

61.3960, 55.5881, 89.9317



Tritanomaly

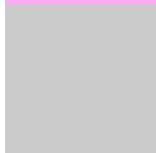
65.6118, 55.7906, 69.5979

Monochromacy



Original Color

70.1649, 55.9209, 91.8897



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.8009, 57.5392, 74.2313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1649, 55.9209, 91.8897 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, 171, 243)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 243)  
}
```

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, 171, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 243) }
```

Border

The CSS property to change the border of an element to XYZ 70.1649, 55.9209, 91.8897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

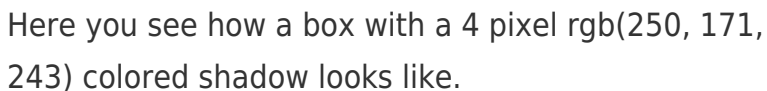
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 171, 243) }
```


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

```
.border{ border-color:rgb(250, 171, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 171, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 171, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 171, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 171,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1649, 55.9209, 91.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 243) }
```

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

```
.background{ background-color: rgb(250,  
171, 243) }
```

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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