

Converting Colors

XYZ(69.0710, 55.3930, 77.5778)

Have a look what the booklet for
XYZ(69.0710, 55.3930, 77.5778)
contains.

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Color

**XYZ(69.0693, 55.3913,
77.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAE0
RGB	255, 170, 224
RGB Percent	100%, 67%, 88%
CMY	0.0000, 0.3333, 0.1216
CMYK	0.00, 0.33, 0.12, 0.00
HSL	322°, 100%, 83%
HSV	322°, 33%, 100%
XYZ	69.0693, 55.3913, 77.5722
YIQ	201.5710, 33.3260, 34.8140

Conversions

Conversions Part 2

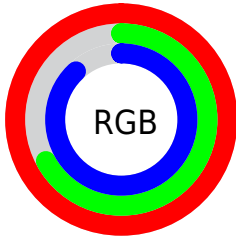
Format	Color
R _Y B	255, 170, 224
Decimal	16755424
CIE Lab	79.27, 38.89, -14.37
CIE LCh	79, 41.465, 339.717
Yxy	55.3913, 0.3419, 0.2742
Android (android.graphics.Color)	4294945504 (0xFFFFAAE0)
YUV	201.5710, 11.0575, 46.8572
Hunter-Lab	74.4253, 35.4099, -9.6992

Details

The XYZ color **69.0693, 55.3913, 77.5722** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8821, 84.2840, 68.2157**, and the grayscale version is **55.7920, 58.6975, 63.9216**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **36.4328, 27.2257, 40.8710** is the 20% darker color. If you saturate the color by 10%, you get **63.5174, 46.2511, 69.6681**, and if you desaturate by 10%, it is **75.6198, 66.4179, 86.1510**.

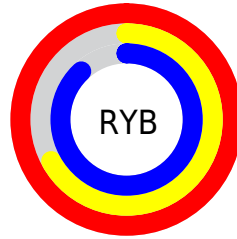
Distribution



Red (100%)

Green (67%)

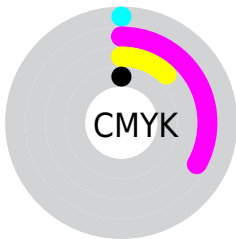
Blue (88%)



Red (100%)

Yellow (67%)

Blue (88%)

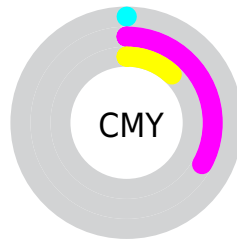


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0693, 55.3913, 77.5722 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 69.0693, 55.3913, 77.5722 by changing the saturation by 10% instead.

 69.0693, 55.3913,
77.5722

 69.0693, 55.3913,
77.5722

446.5929,
407.3935, 506.2021

 51.0450, 39.7151,
57.2083

 116.9141, 98.1140,
131.7273

 36.4656, 27.3165,
40.7620

147.4653,
125.9294, 166.3555

 24.9658, 17.8111,
27.8149


182.9228,
158.5598, 206.5755

 16.1802, 10.8144,
17.9483

223.6520,
196.3899, 252.8059

 9.7434, 5.9422,
10.7438

270.0183,
239.8039, 305.4652

 5.2901, 2.8100,
5.7829


322.3869,


 2.4550, 1.0333,


289.1862, 364.9720


2.6469


381.1234,
344.9213, 431.7448


 0.8726, 0.0000,
0.9165


 0.0000, 0.0000,
0.0000


 69.0693, 55.3913,
77.5722


 69.0693, 55.3913,
77.5722


 63.5174, 46.2511,
69.6681


 75.6198, 66.4179,
86.1510

 58.9054, 38.8822,
62.4116

 83.2156, 79.4232,
95.4233

 55.1741, 33.1679,
55.7782

 91.9051, 94.5019,
105.4109

 52.2557, 28.9743,
49.7396

95.0500, 100.0000,
108.9000

■ 50.0717, 26.1463,
44.2639

■ 48.5270, 24.4957,
39.3134

■ 47.7612, 23.8685,
36.2704

Harmonies

Analogous

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



63.5107, 55.3913, 102.7109



69.0693, 55.3913, 77.5722



69.9843, 55.3913, 52.9265

Triad

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



69.0693, 55.3913, 77.5722



50.0016, 55.3913, 25.5638



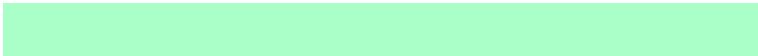
41.3079, 55.3913, 94.4597

Complementary

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



69.0693, 55.3913, 77.5722



62.8821, 84.2840, 68.2157

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.



38.4404, 55.3913, 68.3538



69.0693, 55.3913, 77.5722



43.1000, 55.3913, 31.5579

Square

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



69.0693, 55.3913, 77.5722



58.3725, 55.3913, 26.8121



39.0601, 55.3913, 45.8227



47.3102, 55.3913, 114.1014

Rectangle

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



69.0693, 55.3913, 77.5722



67.7494, 55.3913, 40.3848



39.0601, 55.3913, 45.8227



39.9756, 55.3913, 85.9055

Sweetspot

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



69.0706, 55.3936, 77.5733



85.9863, 84.2111, 98.6696



56.1796, 48.2173, 100.9536



18.1512, 17.5862, 20.8241



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.



69.0706, 55.3936, 77.5733



65.2598, 49.0939, 72.2280



64.1377, 53.4205, 51.5970



18.4951, 18.1813, 21.2242



25.0306, 12.5015, 19.3432



2.4897, 1.2382, 2.1601

Inverse Universe

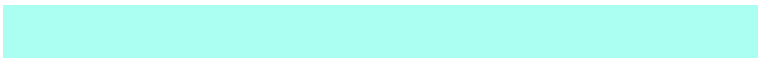
The Inverse Universe completely reimagines the original color for something new.



69.0706, 55.3936, 77.5733



65.2598, 49.0939, 72.2280



68.4036, 86.4926, 97.2916



18.4951, 18.1813, 21.2242



25.0306, 12.5015, 19.3432



2.4897, 1.2382, 2.1601

Previews

White Background



This preview shows how the XYZ color 69.0693, 55.3913, 77.5722 looks on a white background.

Color Contrast Check

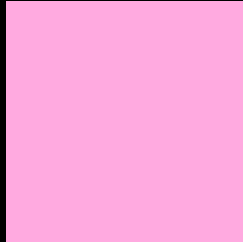
Large Text (above 18pt) WCAG AA × Fail

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 69.0693, 55.3913, 77.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

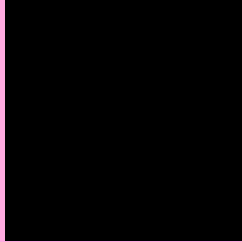
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0693, 55.3913, 77.5722

Background



This preview shows how black text looks on a background with the XYZ color 69.0693, 55.3913, 77.5722.



This preview shows how white text looks on a background with the XYZ color 69.0693, 55.3913,

77.5722.

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

69.0693, 55.3913, 77.5722

Protanopia

55.6420, 55.8202, 91.0608

Deuteranopia

56.9447, 55.8457, 75.4881



Tritanopia

64.6033, 55.2776, 55.9799

Trichromacy



Original Color

69.0693, 55.3913, 77.5722



Protanomaly

59.4183, 54.9649, 86.0749



Deuteranomaly

60.6231, 55.1894, 75.8641



Tritanomaly

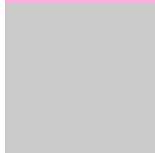
65.9416, 55.2318, 63.0624

Monochromacy



Original Color

69.0693, 55.3913, 77.5722



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.8651, 56.8522, 68.7911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0693, 55.3913, 77.5722 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.0693, 55.3913, 77.5722 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, 224) }
```


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

```
.border{ border-color:rgb(255, 170, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0693, 55.3913, 77.5722 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
170, 224) }
```

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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