

Converting Colors

XYZ(69.4391, 55.5412, 79.5136)

Have a look what the booklet for
XYZ(69.4391, 55.5412, 79.5136)
contains.

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Color

**XYZ(69.4799, 55.5555,
79.7343)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAE3
RGB	255, 170, 227
RGB Percent	100%, 67%, 89%
CMY	0.0000, 0.3333, 0.1098
CMYK	0.00, 0.33, 0.11, 0.00
HSL	320°, 100%, 83%
HSV	320°, 33%, 100%
XYZ	69.4799, 55.5555, 79.7343
YIQ	201.9130, 32.3630, 35.7470

Conversions

Conversions Part 2

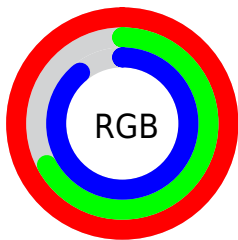
Format	Color
R _Y B	255, 170, 227
Decimal	16755427
CIE Lab	79.36, 39.38, -15.86
CIE LCh	79, 42.450, 338.066
Yxy	55.5555, 0.3393, 0.2713
Android (android.graphics.Color)	4294945507 (0xFFFFAAE3)
YUV	201.9130, 12.3679, 46.5573
Hunter-Lab	74.5356, 35.9553, -11.2505

Details

The XYZ color **69.4799, 55.5555, 79.7343** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.5325, 84.1442, 66.3747**, and the grayscale version is **55.9972, 58.9135, 64.1568**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **36.7177, 27.3397, 42.3716** is the 20% darker color. If you saturate the color by 10%, you get **64.0237, 46.4536, 72.3346**, and if you desaturate by 10%, it is **75.9221, 66.5387, 87.7433**.

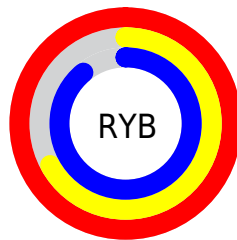
Distribution



Red (100%)

Green (67%)

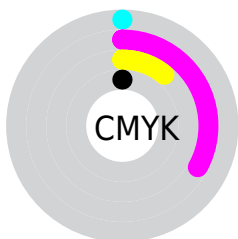
Blue (89%)



Red (100%)

Yellow (67%)

Blue (89%)

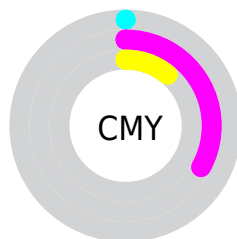


Cyan (0%)

Magenta (33%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4799, 55.5555, 79.7343 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 69.4799, 55.5555, 79.7343 by changing the saturation by 10% instead.


 69.4799, 55.5555,
79.7343

 69.4799, 55.5555,
79.7343


448.0167,
408.0142, 513.7201

 51.3807, 39.8467,
58.9749


 117.4971, 98.3544,
134.8001

 36.7339, 27.4190,
42.1730


148.1458,
126.2132, 169.9436

 25.1743, 17.8882,
28.9102


183.7083,
158.8908, 210.7188

 16.3364, 10.8697,
18.7679

224.5501,
196.7715, 257.5443

 9.8549, 5.9793,
11.3276

271.0365,
240.2399, 310.8387

 5.3644, 2.8325,
6.1707


323.5328,


 2.4995, 1.0449,


289.6802, 371.0204


2.8787


382.4044,
345.4768, 438.5080


 0.8950, 0.0000,
1.0330

 0.0000, 0.0000,
0.0000


 69.4799, 55.5555,
79.7343


 69.4799, 55.5555,
79.7343


 64.0237, 46.4536,
72.3346

 75.9221, 66.5387,
87.7433

 59.4954, 39.1182,
65.5186

 83.3970, 79.4957,
96.3788

 55.8359, 33.4326,
59.2634

 91.9526, 94.5208,
105.6612

 52.9778, 29.2631,
53.5423

95.0500, 100.0000,
108.9000

■ 50.8429, 26.4548,
48.3252

■ 49.3365, 24.8194,
43.5761

■ 48.5904, 24.2002,
40.6367

Harmonies

Analogous

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



63.5469, 55.5555, 105.3849



69.4799, 55.5555, 79.7343



70.7148, 55.5555, 54.1515

Triad

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



69.4799, 55.5555, 79.7343



50.5414, 55.5555, 24.9486



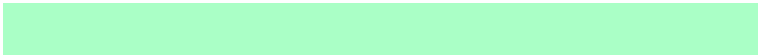
40.9425, 55.5555, 94.2220

Complementary

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



69.4799, 55.5555, 79.7343



62.5325, 84.1442, 66.3747

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.



38.2055, 55.5555, 67.3059



69.4799, 55.5555, 79.7343



43.3454, 55.5555, 30.5927

Square

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



69.4799, 55.5555, 79.7343



59.1537, 55.5555, 26.6064



39.0355, 55.5555, 44.6225



46.9255, 55.5555, 115.1931

Rectangle

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



69.4799, 55.5555, 79.7343



68.5955, 55.5555, 41.0156



39.0355, 55.5555, 44.6225



39.6433, 55.5555, 85.3210

Sweetspot

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



69.4811, 55.5578, 79.7354



86.1246, 84.2664, 99.3980



55.4311, 47.8313, 100.9186



18.1847, 17.5996, 21.0007



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.



69.4811, 55.5578, 79.7354



65.7356, 49.2842, 74.7337



64.4350, 53.5394, 53.1632



18.5233, 18.1926, 21.3727



25.4614, 12.6739, 21.6120



2.5296, 1.2542, 2.3702

Inverse Universe

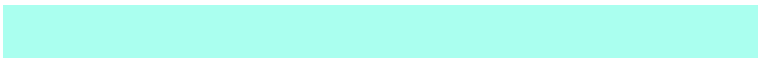
The Inverse Universe completely reimagines the original color for something new.



69.4811, 55.5578, 79.7354



65.7356, 49.2842, 74.7337



67.9806, 86.3234, 95.0644



18.5233, 18.1926, 21.3727



25.4614, 12.6739, 21.6120



2.5296, 1.2542, 2.3702

Previews

White Background



This preview shows how the XYZ color 69.4799, 55.5555, 79.7343 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 69.4799, 55.5555, 79.7343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

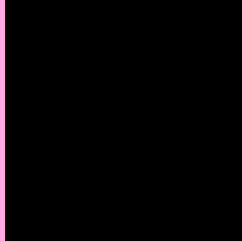
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4799, 55.5555, 79.7343

Background



This preview shows how black text looks on a background with the XYZ color 69.4799, 55.5555, 79.7343.



This preview shows how white text looks on a background with the XYZ color 69.4799, 55.5555,

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

69.4799, 55.5555, 79.7343

Protanopia

56.0939, 56.0010, 93.4408

Deuteranopia

57.0708, 55.8644, 77.5870



Tritanopia

64.8001, 55.6712, 56.0455

Trichromacy



Original Color

69.4799, 55.5555, 79.7343



Protanomaly

59.8555, 55.1397, 88.3772



Deuteranomaly

61.0265, 55.3508, 77.9883



Tritanomaly

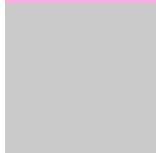
66.0604, 55.2793, 63.6881

Monochromacy



Original Color

69.4799, 55.5555, 79.7343



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.9901, 56.9022, 69.4494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4799, 55.5555, 79.7343 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.4799, 55.5555, 79.7343 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, 227) }
```


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

```
.border{ border-color:rgb(255, 170, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4799, 55.5555, 79.7343 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
170, 227) }
```

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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