

Converting Colors

XYZ(69.1333, 54.9995, 79.2087)

Have a look what the booklet for
XYZ(69.1333, 54.9995, 79.2087)
contains.

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Color

**XYZ(69.1554, 55.1269,
78.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9E2
RGB	255, 169, 226
RGB Percent	100%, 66%, 89%
CMY	0.0000, 0.3372, 0.1137
CMYK	0.00, 0.34, 0.11, 0.00
HSL	320°, 100%, 83%
HSV	320°, 34%, 100%
XYZ	69.1554, 55.1269, 78.9472
YIQ	201.2120, 32.9590, 35.9590

Conversions

Conversions Part 2

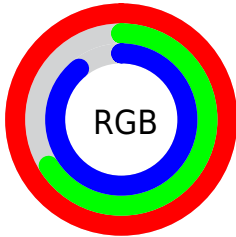
Format	Color
R _Y B	255, 169, 226
Decimal	16755170
CIE Lab	79.11, 39.73, -15.69
CIE LCh	79, 42.718, 338.458
Yxy	55.1269, 0.3403, 0.2713
Android (android.graphics.Color)	4294945250 (0xFFFFA9E2)
YUV	201.2120, 12.2205, 47.1721
Hunter-Lab	74.2475, 36.3249, -11.0697

Details

The XYZ color **69.1554, 55.1269, 78.9472** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3171, 84.0331, 66.3647**, and the grayscale version is **55.5623, 58.4559, 63.6585**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **36.5074, 27.0721, 41.8294** is the 20% darker color. If you saturate the color by 10%, you get **63.7154, 46.0879, 71.4578**, and if you desaturate by 10%, it is **75.5823, 66.0443, 87.0590**.

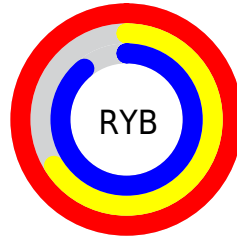
Distribution



Red (100%)

Green (66%)

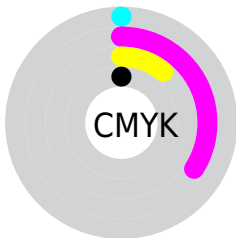
Blue (89%)



Red (100%)

Yellow (66%)

Blue (89%)

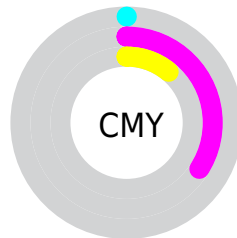


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1554, 55.1269, 78.9472 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 69.1554, 55.1269, 78.9472 by changing the saturation by 10% instead.

 69.1554, 55.1269,
78.9472


 69.1554, 55.1269,
78.9472


446.8917,
406.3928, 510.9906

 51.1154, 39.5033,
58.3313


 117.0364, 97.7269,
133.6825

 36.5219, 27.1515,
41.6586


 147.6080,
125.4720, 168.6391


 25.0095, 17.6870,
28.5105


 183.0876,
158.0265, 209.2129

 16.2129, 10.7255,
18.4685

 223.8404,
195.7748, 255.8226

 9.7667, 5.8826,
11.1139

 270.2319,
239.1011, 308.8867

 5.3056, 2.7738,
6.0284

 322.6274,

 2.4643, 1.0148,

288.3900, 368.8237

2.7933

381.3922,
344.0257, 436.0521

■ 0.8773, 0.0000,
0.9901

■ 0.0000, 0.0000,
0.0000

■ 69.1554, 55.1269,
78.9472

■ 69.1554, 55.1269,
78.9472

■ 63.7154, 46.0879,
71.4578

■ 75.5823, 66.0443,
87.0590

■ 59.2034, 38.8120,
64.5648

■ 83.0426, 78.9327,
95.8106

■ 55.5603, 33.1819,
58.2449

■ 91.5845, 93.8870,
105.2231

■ 52.7182, 29.0633,
52.4710

95.0500, 100.0000,
108.9000

■ 50.5984, 26.3002,
47.2123

■ 49.1050, 24.7026,
42.4323

■ 48.4022, 24.1249,
39.6459

Harmonies

Analogous

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



63.2575, 55.1269, 104.7573



69.1554, 55.1269, 78.9472



70.3241, 55.1269, 53.3852

Triad

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



69.1554, 55.1269, 78.9472



50.0241, 55.1269, 24.5545



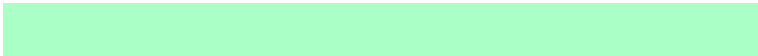
40.5889, 55.1269, 94.1795

Complementary

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



69.1554, 55.1269, 78.9472



62.3171, 84.0331, 66.3647

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.



37.8082, 55.1269, 67.1911



69.1554, 55.1269, 78.9472



42.8557, 55.1269, 30.2755

Square

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



69.1554, 55.1269, 78.9472



58.6434, 55.1269, 26.1107



38.5906, 55.1269, 44.3952



46.6097, 55.1269, 115.0804

Rectangle

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



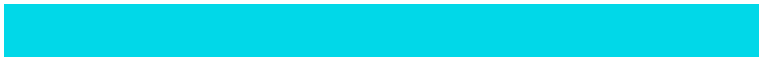
69.1554, 55.1269, 78.9472



68.1555, 55.1269, 40.3313



38.5906, 55.1269, 44.3952



39.2757, 55.1269, 85.2655

Sweetspot

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



69.1567, 55.1292, 78.9483



86.0940, 84.2542, 99.2368



55.4411, 47.5593, 100.8655



18.1773, 17.5966, 20.9616



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.



69.1567, 55.1292, 78.9483



65.6296, 49.2418, 74.1755



64.0116, 53.0712, 51.8546



18.5170, 18.1901, 21.3398



25.3637, 12.6348, 21.0975



2.5206, 1.2506, 2.3228

Inverse Universe

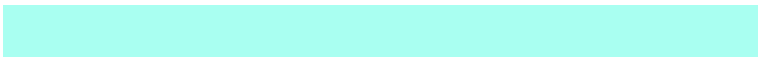
The Inverse Universe completely reimagines the original color for something new.



69.1567, 55.1292, 78.9483



65.6296, 49.2418, 74.1755



67.9511, 86.2867, 96.0327



18.5170, 18.1901, 21.3398



25.3637, 12.6348, 21.0975



2.5206, 1.2506, 2.3228

Previews

White Background



This preview shows how the XYZ color 69.1554, 55.1269, 78.9472 looks on a white background.

Color Contrast Check

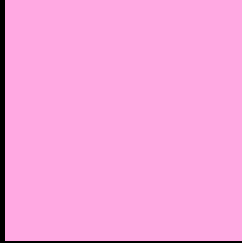
Large Text (above 18pt) WCAG AA × Fail

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 69.1554, 55.1269, 78.9472 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 69.1554, 55.1269, 78.9472

Background



This preview shows how black text looks on a background with the XYZ color 69.1554, 55.1269, 78.9472.



This preview shows how white text looks on a background with the XYZ color 69.1554, 55.1269,

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

69.1554, 55.1269, 78.9472

Protanopia

55.4770, 55.3689, 92.5573

Deuteranopia

56.4442, 55.2320, 76.7932



Tritanopia

64.4943, 55.2340, 55.4061

Trichromacy



Original Color

69.1554, 55.1269, 78.9472



Protanomaly

59.2134, 54.5140, 87.5221



Deuteranomaly

60.3770, 54.7243, 77.1927



Tritanomaly

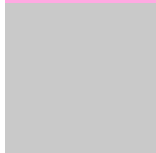
65.7491, 54.8469, 62.9983

Monochromacy



Original Color

69.1554, 55.1269, 78.9472



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.6492, 56.4205, 68.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1554, 55.1269, 78.9472 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, 169, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 226)  
}
```

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, 169, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.1554, 55.1269, 78.9472 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, 169, 226) }
```


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

```
.border{ border-color:rgb(255, 169, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1554, 55.1269, 78.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 226) }
```

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

```
.background{ background-color: rgb(255,  
169, 226) }
```

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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