

Converting Colors

XYZ(77.1659, 59.0483, 79.9484)

Have a look what the booklet for
XYZ(77.1659, 59.0483, 79.9484)
contains.

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Color

**XYZ(69.1078, 54.8113,
79.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8E3
RGB	255, 168, 227
RGB Percent	100%, 66%, 89%
CMY	0.0000, 0.3412, 0.1098
CMYK	0.00, 0.34, 0.11, 0.00
HSL	319°, 100%, 83%
HSV	319°, 34%, 100%
XYZ	69.1078, 54.8113, 79.6103
YIQ	200.7390, 32.9130, 36.7930

Conversions

Conversions Part 2

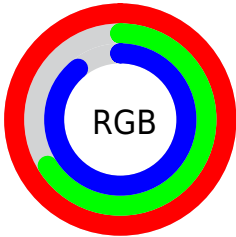
Format	Color
R_{YB}	255, 168, 227
Decimal	16754915
CIE _{Lab}	78.93, 40.42, -16.50
CIE _{LCh}	79, 43.654, 337.791
Yxy	54.8113, 0.3395, 0.2693
Android (android.graphics.Color)	4294944995 (0xFFFFA8E3)
YUV	200.7390, 12.9467, 47.5869
Hunter-Lab	74.0347, 37.0605, -11.9309

Details

The XYZ color **69.1078, 54.8113, 79.6103** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8741, 83.8312, 65.1474**, and the grayscale version is **55.2652, 58.1433, 63.3180**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **36.4897, 26.8835, 42.2955** is the 20% darker color. If you saturate the color by 10%, you get **63.7475, 45.8605, 72.3677**, and if you desaturate by 10%, it is **75.4475, 65.6342, 87.4472**.

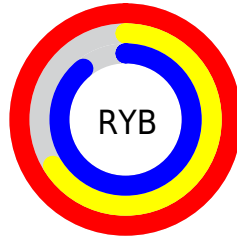
Distribution



Red (100%)

Green (66%)

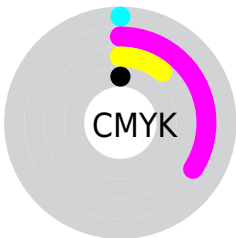
Blue (89%)



Red (100%)

Yellow (66%)

Blue (89%)

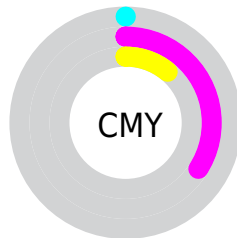


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1078, 54.8113, 79.6103 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 69.1078, 54.8113, 79.6103 by changing the saturation by 10% instead.


 69.1078, 54.8113,
79.6103


 69.1078, 54.8113,
79.6103


446.7265,
405.1962, 513.2906

 51.0765, 39.2507,
58.8734


 116.9688, 97.2644,
134.6241

 36.4908, 26.9548,
42.0919


 147.5291,
124.9257, 169.7382

 24.9853, 17.5393,
28.8472


182.9965,
157.3893, 210.4817

 16.1948, 10.6197,
18.7206

223.7363,
195.0397, 257.2733

 9.7538, 5.8117,
11.2938

270.1138,
238.2611, 310.5315

 5.2970, 2.7309,
6.1482


322.4945,


 2.4591, 0.9929,


287.4381, 370.6747


2.8651


381.2436,
342.9550, 438.1216


 0.8747, 0.0000,
1.0262


 0.0000, 0.0000,
0.0000

 69.1078, 54.8113,
79.6103


 69.1078, 54.8113,
79.6103

 63.7475, 45.8605,
72.3677


 75.4475, 65.6342,
87.4472

 59.3081, 38.6664,
65.6942

 82.8135, 78.4223,
95.8955

 55.7302, 33.1112,
59.5668

 91.2540, 93.2706,
104.9755

 52.9455, 29.0599,
53.9591

95.0500, 100.0000,
108.9000

■ 50.8752, 26.3556,
48.8407

■ 49.4225, 24.8065,
44.1755

■ 48.7759, 24.2744,
41.6135

Harmonies

Analogous

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



62.9962, 54.8113, 105.9280



69.1078, 54.8113, 79.6103



70.4236, 54.8113, 53.4382

Triad

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



69.1078, 54.8113, 79.6103



49.8688, 54.8113, 23.7700



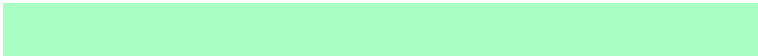
39.9999, 54.8113, 93.9844

Complementary

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



69.1078, 54.8113, 79.6103



61.8741, 83.8312, 65.1474

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.



37.2615, 54.8113, 66.3903



69.1078, 54.8113, 79.6103



42.5327, 54.8113, 29.3391

Square

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



69.1078, 54.8113, 79.6103



58.6564, 54.8113, 25.4889



38.1345, 54.8113, 43.3893



46.0449, 54.8113, 115.7037

Rectangle

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



69.1078, 54.8113, 79.6103



68.2826, 54.8113, 40.0699



38.1345, 54.8113, 43.3893



38.6946, 54.8113, 84.8276

Sweetspot

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



69.1090, 54.8136, 79.6114



86.1544, 84.2783, 99.5547



54.7028, 46.9035, 100.7779



18.1920, 17.6025, 21.0387



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.



69.1090, 54.8136, 79.6114



65.3162, 48.4558, 74.5622



63.8907, 52.7263, 52.1324



18.5293, 18.1951, 21.4047



25.5577, 12.7124, 22.1191



2.5384, 1.2578, 2.4169

Inverse Universe

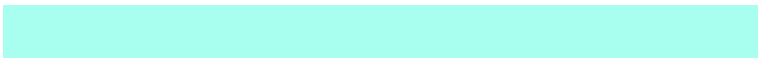
The Inverse Universe completely reimagines the original color for something new.



69.1090, 54.8136, 79.6114



65.3162, 48.4558, 74.5622



67.4973, 86.0805, 94.7587



18.5293, 18.1951, 21.4047



25.5577, 12.7124, 22.1191



2.5384, 1.2578, 2.4169

Previews

White Background



This preview shows how the XYZ color 69.1078, 54.8113, 79.6103 looks on a white background.

Color Contrast Check

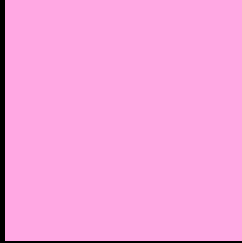
Large Text (above 18pt) WCAG AA × Fail

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 69.1078, 54.8113, 79.6103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

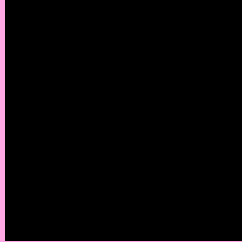
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1078, 54.8113, 79.6103

Background



This preview shows how black text looks on a background with the XYZ color 69.1078, 54.8113, 79.6103.



This preview shows how white text looks on a background with the XYZ color 69.1078, 54.8113,

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

69.1078, 54.8113, 79.6103

Protanopia

55.5404, 55.3665, 94.1457

Deuteranopia

56.3072, 55.1459, 77.4885



Tritanopia

63.9396, 54.6581, 55.3242

Trichromacy



Original Color

69.1078, 54.8113, 79.6103



Protanomaly

59.3599, 54.5726, 88.2939



Deuteranomaly

60.2068, 54.6209, 77.8907



Tritanomaly

65.6769, 54.5123, 63.5603

Monochromacy



Original Color

69.1078, 54.8113, 79.6103



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 69.1078, 54.8113, 79.6103 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, 168, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.1078, 54.8113, 79.6103 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, 168, 227) }
```


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

```
.border{ border-color:rgb(255, 168, 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, 168, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1078, 54.8113, 79.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 227) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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