

Converting Colors

XYZ(89.1850, 62.8549, 77.9134)

Have a look what the booklet for
XYZ(89.1850, 62.8549, 77.9134)
contains.

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Color

**XYZ(67.0927, 51.4381,
76.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FE0
RGB	255, 159, 224
RGB Percent	100%, 62%, 88%
CMY	0.0000, 0.3764, 0.1216
CMYK	0.00, 0.38, 0.12, 0.00
HSL	319°, 100%, 81%
HSV	319°, 38%, 100%
XYZ	67.0927, 51.4381, 76.9134
YIQ	195.1140, 36.3510, 40.5670

Conversions

Conversions Part 2

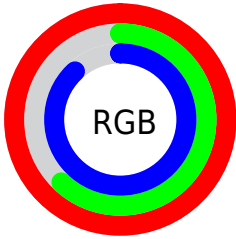
Format	Color
R _Y B	255, 159, 224
Decimal	16752608
CIE Lab	76.94, 44.57, -17.87
CIE LCh	77, 48.024, 338.152
Yxy	51.4381, 0.3433, 0.2632
Android (android.graphics.Color)	4294942688 (0xFFFF9FE0)
YUV	195.1140, 14.2408, 52.5200
Hunter-Lab	71.7204, 41.4719, -13.3787

Details

The XYZ color **67.0927, 51.4381, 76.9134** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.3541, 82.6095, 61.5351**, and the grayscale version is **51.8436, 54.5435, 59.3978**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **35.2390, 24.8380, 40.4730** is the 20% darker color. If you saturate the color by 10%, you get **62.0615, 43.1198, 69.8594**, and if you desaturate by 10%, it is **73.0848, 61.5913, 84.5558**.

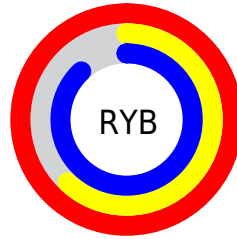
Distribution



Red (100%)

Green (62%)

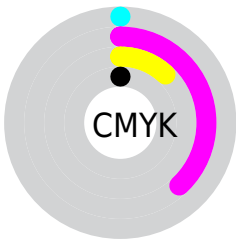
Blue (88%)



Red (100%)

Yellow (62%)

Blue (88%)

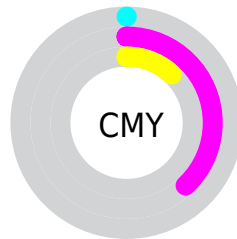


Cyan (0%)

Magenta (38%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0927, 51.4381, 76.9134 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 67.0927, 51.4381, 76.9134 by changing the saturation by 10% instead.


 67.0927, 51.4381,
76.9134


 67.0927, 51.4381,
76.9134


439.7020,
392.2635, 503.8985

 49.4309, 36.5574,
56.6707


 114.1023, 92.3020,
130.7891

 35.1774, 24.8650,
40.3333


 144.1808,
119.0540, 165.2592

 23.9667, 15.9765,
27.4827

179.1290,
150.5319, 205.3088

 15.4335, 9.5075,
17.7005

219.3122,
187.1201, 251.3564

 9.2125, 5.0737,
10.5679

265.0957,
229.2030, 303.8207

 4.9383, 2.2906,
5.6666

316.8450,

 2.2455, 0.7687,

277.1649, 363.1201

2.5780

374.9252,
331.3903, 429.6732

■ 0.7665, 0.0000,
0.8810

■ 0.0000, 0.0000,
0.0000

■ 67.0927, 51.4381,
76.9134

■ 67.0927, 51.4381,
76.9134

■ 62.0615, 43.1198,
69.8594

■ 73.0848, 61.5913,
84.5558

■ 57.9308, 36.5175,
63.3681

■ 80.0863, 73.6755,
92.8046

■ 54.6389, 31.5085,
57.4158

■ 88.1463, 87.7881,
101.6804

■ 52.1143, 27.9512,
51.9746

95.0500, 100.0000,
108.9000

■ 50.2726, 25.6784,
47.0126

■ 49.0031, 24.4696,
42.4886

■ 48.7493, 24.2637,
41.4736

Harmonies

Analogous

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



60.5759, 51.4381, 105.6684



67.0927, 51.4381, 76.9134



68.4417, 51.4381, 49.1660

Triad

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



67.0927, 51.4381, 76.9134



46.4393, 51.4381, 19.4871



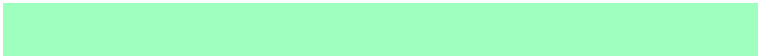
36.3267, 51.4381, 93.2277

Complementary

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



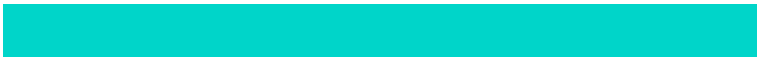
67.0927, 51.4381, 76.9134



59.3541, 82.6095, 61.5351

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.



33.4696, 51.4381, 63.4556



67.0927, 51.4381, 76.9134



38.8134, 51.4381, 25.0092

Square

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



67.0927, 51.4381, 76.9134



55.7296, 51.4381, 21.0653



34.3195, 51.4381, 39.2809



42.6349, 51.4381, 116.9502

Rectangle

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



67.0927, 51.4381, 76.9134



66.0885, 51.4381, 35.4505



34.3195, 51.4381, 39.2809



34.9691, 51.4381, 83.2827

Sweetspot

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



67.0939, 51.4403, 76.9144



85.3210, 82.8211, 98.6312



51.5359, 42.8890, 100.1699



18.0253, 17.3118, 20.8518



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.



67.0939, 51.4403, 76.9144



63.3022, 45.1483, 71.6694



61.5357, 49.2170, 47.6454



18.5285, 18.1947, 21.4001



25.5439, 12.7069, 22.0465



2.5372, 1.2572, 2.4102

Inverse Universe

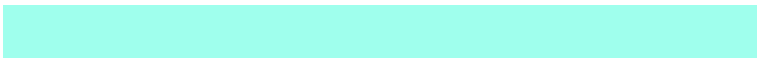
The Inverse Universe completely reimagines the original color for something new.



67.0939, 51.4403, 76.9144



63.3022, 45.1483, 71.6694



65.4041, 85.0295, 93.3936



18.5285, 18.1947, 21.4001



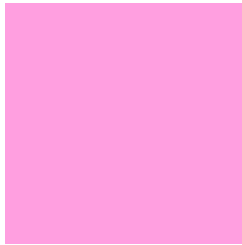
25.5439, 12.7069, 22.0465



2.5372, 1.2572, 2.4102

Previews

White Background



This preview shows how the XYZ color 67.0927, 51.4381, 76.9134 looks on a white background.

Color Contrast Check

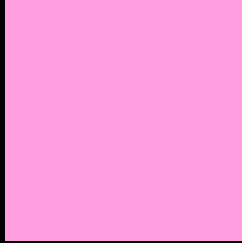
Large Text (above 18pt) WCAG AA × Fail

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 67.0927, 51.4381, 76.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

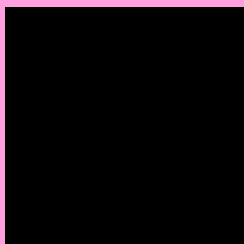
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0927, 51.4381, 76.9134

Background



This preview shows how black text looks on a background with the XYZ color 67.0927, 51.4381, 76.9134.



This preview shows how white text looks on a background with the XYZ color 67.0927, 51.4381,

76.9134.

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

67.0927, 51.4381, 76.9134

Protanopia

52.2168, 51.7282, 92.8204

Deuteranopia

52.8508, 51.8344, 74.2373



Tritanopia

61.4813, 51.2567, 49.8331

Trichromacy



Original Color

67.0927, 51.4381, 76.9134



Protanomaly

56.1850, 50.5378, 86.9143



Deuteranomaly

57.1918, 51.0228, 75.2407



Tritanomaly

63.3841, 51.2319, 58.7726

Monochromacy



Original Color

67.0927, 51.4381, 76.9134



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.4838, 52.6638, 65.5806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0927, 51.4381, 76.9134 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, 159, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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, 159, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.0927, 51.4381, 76.9134 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, 159, 224) }
```


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

```
.border{ border-color:rgb(255, 159, 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, 159, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0927, 51.4381, 76.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 224) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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