

Converting Colors

XYZ(68.1233, 54.5062, 74.1526)

Have a look what the booklet for
XYZ(68.1233, 54.5062, 74.1526)
contains.

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Color

**XYZ(68.0288, 54.3797,
73.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8DB
RGB	255, 168, 219
RGB Percent	100%, 66%, 86%
CMY	0.0000, 0.3412, 0.1412
CMYK	0.00, 0.34, 0.14, 0.00
HSL	325°, 100%, 83%
HSV	325°, 34%, 100%
XYZ	68.0288, 54.3797, 73.9287
YIQ	199.8270, 35.4810, 34.3050

Conversions

Conversions Part 2

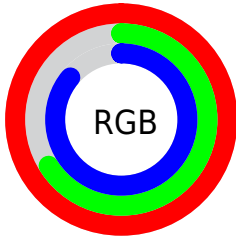
Format	Color
R _Y B	255, 168, 219
Decimal	16754907
CIE Lab	78.68, 39.14, -12.54
CIE LCh	79, 41.099, 342.237
Yxy	54.3797, 0.3465, 0.2770
Android (android.graphics.Color)	4294944987 (0xFFFFA8DB)
YUV	199.8270, 9.4523, 48.3867
Hunter-Lab	73.7426, 35.6198, -7.8198

Details

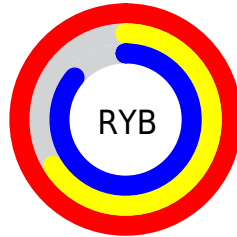
The XYZ color **68.0288, 54.3797, 73.9287** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8094, 84.2054, 70.0727**, and the grayscale version is **54.7229, 57.5728, 62.6968**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **35.7441, 26.5853, 38.3695** is the 20% darker color. If you saturate the color by 10%, you get **62.4290, 45.3331, 65.4243**, and if you desaturate by 10%, it is **74.6423, 65.3122, 83.2068**.

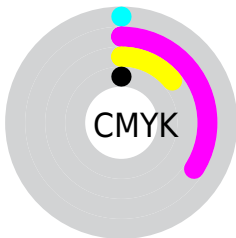
Distribution



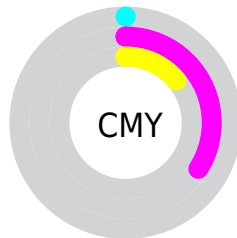
- Red (100%)
- Green (66%)
- Blue (86%)



- Red (100%)
- Yellow (66%)
- Blue (86%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0288, 54.3797, 73.9287 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 68.0288, 54.3797, 73.9287 by changing the saturation by 10% instead.


 68.0288, 54.3797,
73.9287


 68.0288, 54.3797,
73.9287


442.9732,
403.5563, 493.3841

 50.1949, 38.9053,
54.2393


 115.4350, 96.6315,
126.5278

 35.7867, 26.6861,
38.3985


 145.7381,
124.1777, 160.2746

 24.4389, 17.3376,
25.9879


180.9283,
156.5167, 199.5442

 15.7860, 10.4755,
16.5889

221.3709,
194.0328, 244.7552

 9.4627, 5.7153,
9.7830

267.4313,
237.1104, 296.3262

 5.1037, 2.6728,
5.1516

319.4750,

 2.3436, 0.9634,

286.1339, 354.6756

2.2762

377.8671,
341.4877, 420.2221

■ 0.8169, 0.0000,
0.7178

■ 0.0000, 0.0000,
0.0000

■ 68.0288, 54.3797,
73.9287

■ 68.0288, 54.3797,
73.9287

■ 62.4290, 45.3331,
65.4243

■ 74.6423, 65.3122,
83.2068

■ 57.7831, 38.0564,
57.6638

■ 82.3169, 78.2237,
93.2803

■ 54.0311, 32.4316,
50.6196

■ 91.1018, 93.2098,
104.1737

■ 51.1037, 28.3232,
44.2601

95.0500, 100.0000,
108.9000

■ 48.9210, 25.5739,
38.5500

■ 47.3853, 23.9916,
33.4476

■ 46.7031, 23.4452,
30.6984

Harmonies

Analogous

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



62.9093, 54.3797, 98.8755



68.0288, 54.3797, 73.9287



68.4979, 54.3797, 50.2284

Triad

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



68.0288, 54.3797, 73.9287



48.4468, 54.3797, 25.3768



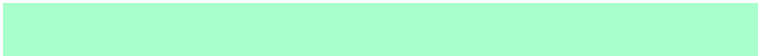
40.9657, 54.3797, 94.6457

Complementary

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



68.0288, 54.3797, 73.9287



62.8094, 84.2054, 70.0727

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.



37.8784, 54.3797, 69.2037



68.0288, 54.3797, 73.9287



41.8843, 54.3797, 31.8883

Square

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



68.0288, 54.3797, 73.9287



56.5981, 54.3797, 26.0165



38.1961, 54.3797, 46.5877



47.0672, 54.3797, 112.8262

Rectangle

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



68.0288, 54.3797, 73.9287



66.0515, 54.3797, 38.4155



38.1961, 54.3797, 46.5877



39.5713, 54.3797, 86.4122

Sweetspot

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



68.0301, 54.3820, 73.9298



85.7951, 84.1346, 97.6626



56.6289, 47.8965, 100.8680



18.1049, 17.5677, 20.5801



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.



68.0301, 54.3820, 73.9298



64.0687, 47.9568, 67.9928



63.1502, 52.4301, 48.2329



18.4561, 18.1657, 21.0188



24.4795, 12.2811, 16.4413



2.4379, 1.2175, 1.8874

Inverse Universe

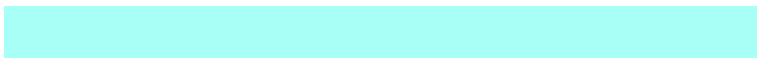
The Inverse Universe completely reimagines the original color for something new.



68.0301, 54.3820, 73.9298



64.0687, 47.9568, 67.9928



68.5905, 86.5178, 100.5154



18.4561, 18.1657, 21.0188



24.4795, 12.2811, 16.4413



2.4379, 1.2175, 1.8874

Previews

White Background



This preview shows how the XYZ color 68.0288, 54.3797, 73.9287 looks on a white background.

Color Contrast Check

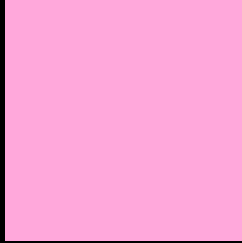
Large Text (above 18pt) WCAG AA × Fail

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 68.0288, 54.3797, 73.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

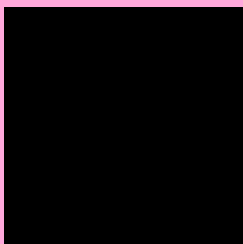
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0288, 54.3797, 73.9287

Background



This preview shows how black text looks on a background with the XYZ color 68.0288, 54.3797, 73.9287.



This preview shows how white text looks on a background with the XYZ color 68.0288, 54.3797,

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

68.0288, 54.3797, 73.9287

Protanopia

54.4600, 54.6352, 87.0322

Deuteranopia

55.8560, 54.7123, 71.9066



Tritanopia

63.8894, 54.3692, 54.1407

Trichromacy



Original Color

68.0288, 54.3797, 73.9287



Protanomaly

58.2874, 53.8430, 82.1836



Deuteranomaly

59.5540, 54.1017, 72.2696



Tritanomaly

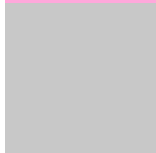
65.2062, 54.3240, 61.0817

Monochromacy



Original Color

68.0288, 54.3797, 73.9287



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.7609, 55.6871, 66.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0288, 54.3797, 73.9287 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 219) }
```

Border

The CSS property to change the border of an element to XYZ 68.0288, 54.3797, 73.9287 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, 219) }
```


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

```
.border{ border-color:rgb(255, 168, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0288, 54.3797, 73.9287 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
168, 219) }
```

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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