

Converting Colors

XYZ(68.4869, 54.4262, 76.7628)

Have a look what the booklet for
XYZ(68.4869, 54.4262, 76.7628)
contains.

XYZ(68.5619, 54.5930, 76.7359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.5619, 54.5930,
76.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8DF
RGB	255, 168, 223
RGB Percent	100%, 66%, 87%
CMY	0.0000, 0.3412, 0.1255
CMYK	0.00, 0.34, 0.13, 0.00
HSL	322°, 100%, 83%
HSV	322°, 34%, 100%
XYZ	68.5619, 54.5930, 76.7359
YIQ	200.2830, 34.1970, 35.5490

Conversions

Conversions Part 2

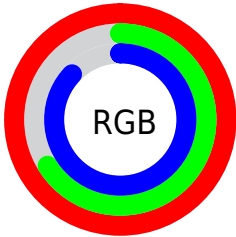
Format	Color
R _Y B	255, 168, 223
Decimal	16754911
CIE Lab	78.81, 39.77, -14.52
CIE LCh	79, 42.341, 339.940
Yxy	54.5930, 0.3430, 0.2731
Android (android.graphics.Color)	4294944991 (0xFFFFA8DF)
YUV	200.2830, 11.1995, 47.9868
Hunter-Lab	73.8871, 36.3328, -9.8551

Details

The XYZ color **68.5619, 54.5930, 76.7359** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3357, 84.0159, 67.5781**, and the grayscale version is **54.9937, 57.8577, 63.0070**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **36.1112, 26.7321, 40.3023** is the 20% darker color. If you saturate the color by 10%, you get **63.0778, 45.5927, 68.8407**, and if you desaturate by 10%, it is **75.0417, 65.4720, 85.3100**.

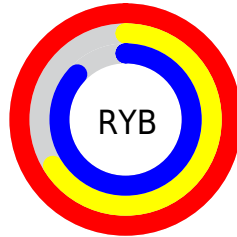
Distribution



Red (100%)

Green (66%)

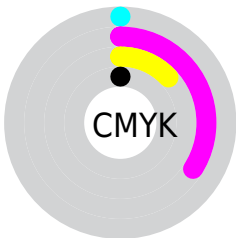
Blue (87%)



Red (100%)

Yellow (66%)

Blue (87%)

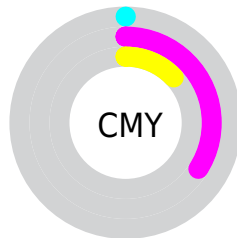


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5619, 54.5930, 76.7359 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 68.5619, 54.5930, 76.7359 by changing the saturation by 10% instead.

68.5619, 54.5930,
76.7359

68.5619, 54.5930,
76.7359

444.8299,
404.3673, 503.2768

50.6303, 39.0760,
56.5259

116.1931, 96.9444,
130.5362

36.1344, 26.8188,
40.2179

146.6235,
124.5475, 164.9636

24.7086, 17.4372,
27.3934

181.9509,
156.9481, 204.9672

15.9876, 10.5467,
17.6338

222.5406,
194.5306, 250.9655

9.6062, 5.7629,
10.5207

268.7580,
237.6794, 303.3770

5.1989, 2.7015,
5.6355

320.9684,

2.4004, 0.9779,

286.7788, 362.6204

2.5595

379.5373,
342.2133, 429.1142

■ 0.8453, 0.0000,
0.8715

■ 0.0000, 0.0000,
0.0000

■ 68.5619, 54.5930,
76.7359

■ 68.5619, 54.5930,
76.7359

■ 63.0778, 45.5927,
68.8407

■ 75.0417, 65.4720,
85.3100

■ 58.5301, 38.3553,
61.5972

■ 82.5642, 78.3227,
94.5820

■ 54.8592, 32.7629,
54.9804

■ 91.1779, 93.2403,
104.5742

■ 51.9965, 28.6803,
48.9616

95.0500, 100.0000,
108.9000

■ 49.8626, 25.9506,
43.5084

■ 48.3604, 24.3816,
38.5823

■ 47.6909, 23.8404,
35.9002

Harmonies

Analogous

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



62.9476, 54.5930, 102.3582



68.5619, 54.5930, 76.7359



69.4524, 54.5930, 51.8201

Triad

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



68.5619, 54.5930, 76.7359



49.1543, 54.5930, 24.5651



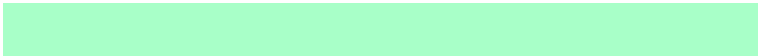
40.4790, 54.5930, 94.3020

Complementary

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



68.5619, 54.5930, 76.7359



62.3357, 84.0159, 67.5781

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.



37.5684, 54.5930, 67.7780



68.5619, 54.5930, 76.7359



42.2079, 54.5930, 30.5943

Square

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



68.5619, 54.5930, 76.7359



57.6202, 54.5930, 25.7538



38.1652, 54.5930, 44.9645



46.5510, 54.5930, 114.2462

Rectangle

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



68.5619, 54.5930, 76.7359



67.1580, 54.5930, 39.2402



38.1652, 54.5930, 44.9645



39.1298, 54.5930, 85.6057

Sweetspot

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



68.5632, 54.5953, 76.7370



85.9742, 84.2063, 98.6056



55.8476, 47.4937, 100.8315



18.1483, 17.5850, 20.8086



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.



68.5632, 54.5953, 76.7370



64.6833, 48.2026, 71.2294



63.4418, 52.5468, 49.7683



18.4926, 18.1804, 21.2111



24.9940, 12.4869, 19.1506



2.4863, 1.2369, 2.1421

Inverse Universe

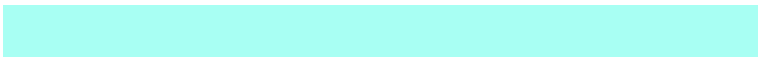
The Inverse Universe completely reimagines the original color for something new.



68.5632, 54.5953, 76.7370



64.6833, 48.2026, 71.2294



68.1481, 86.3408, 98.1854



18.4926, 18.1804, 21.2111



24.9940, 12.4869, 19.1506



2.4863, 1.2369, 2.1421

Previews

White Background



This preview shows how the XYZ color 68.5619, 54.5930, 76.7359 looks on a white background.

Color Contrast Check

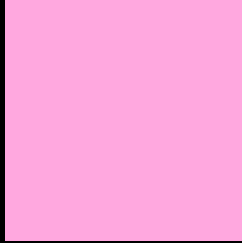
Large Text (above 18pt) WCAG AA × Fail

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 68.5619, 54.5930, 76.7359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

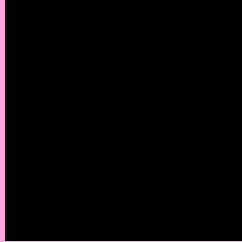
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5619, 54.5930, 76.7359

Background



This preview shows how black text looks on a background with the XYZ color 68.5619, 54.5930, 76.7359.



This preview shows how white text looks on a background with the XYZ color 68.5619, 54.5930,

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

68.5619, 54.5930, 76.7359

Protanopia

55.0275, 55.1891, 90.1904

Deuteranopia

55.8282, 54.6379, 74.6215



Tritanopia

64.1907, 54.8000, 54.7712

Trichromacy



Original Color

68.5619, 54.5930, 76.7359



Protanomaly

58.7786, 54.3401, 85.2326



Deuteranomaly

59.7704, 54.1528, 75.0124



Tritanomaly

65.4400, 54.4175, 62.3129

Monochromacy



Original Color

68.5619, 54.5930, 76.7359



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.8836, 55.7361, 67.3292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5619, 54.5930, 76.7359 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 223) }
```

Border

The CSS property to change the border of an element to XYZ 68.5619, 54.5930, 76.7359 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, 223) }
```


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

```
.border{ border-color:rgb(255, 168, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5619, 54.5930, 76.7359 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
168, 223) }
```

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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