

Converting Colors

XYZ(62.9113, 43.2611, 74.9466)

Have a look what the booklet for
XYZ(62.9113, 43.2611, 74.9466)
contains.

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Color

**XYZ(62.9468, 43.3628,
74.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85DF
RGB	255, 133, 223
RGB Percent	100%, 52%, 87%
CMY	0.0000, 0.4784, 0.1255
CMYK	0.00, 0.48, 0.13, 0.00
HSL	316°, 100%, 76%
HSV	316°, 48%, 100%
XYZ	62.9468, 43.3628, 74.8642
YIQ	179.7380, 43.8220, 53.8540

Conversions

Conversions Part 2

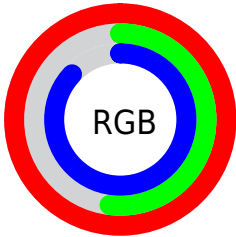
Format	Color
R_{YB}	255, 133, 223
Decimal	16745951
CIE Lab	71.80, 57.38, -25.14
CIE LCh	72, 62.644, 336.337
Yxy	43.3628, 0.3474, 0.2393
Android (android.graphics.Color)	4294936031 (0xFFFF85DF)
YUV	179.7380, 21.3282, 66.0048
Hunter-Lab	65.8504, 55.3909, -21.3104

Details

The XYZ color **62.9468, 43.3628, 74.8642** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.2260, 79.2239, 48.1393**, and the grayscale version is **43.1162, 45.3616, 49.3988**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **32.5572, 20.0117, 39.1925** is the 20% darker color. If you saturate the color by 10%, you get **58.9857, 36.8554, 69.1823**, and if you desaturate by 10%, it is **67.7928, 51.5827, 81.0179**.

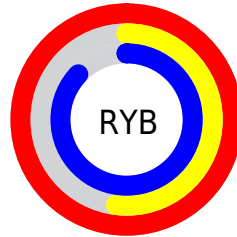
Distribution



Red (100%)

Green (52%)

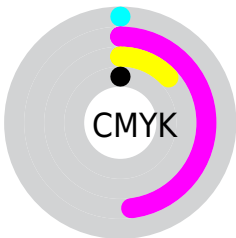
Blue (87%)



Red (100%)

Yellow (52%)

Blue (87%)

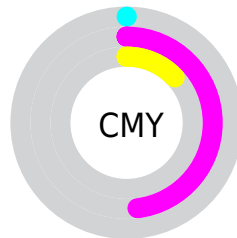


Cyan (0%)

Magenta (48%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9468, 43.3628, 74.8642 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 62.9468, 43.3628, 74.8642 by changing the saturation by 10% instead.


 62.9468, 43.3628,
74.8642


 62.9468, 43.3628,
74.8642


425.0391,
360.1017, 496.6936


 46.0567, 30.1699,
55.0006

 108.1750, 80.2581,
127.8654

 32.4953, 19.9676,
39.0036


 137.2438,
104.7292, 161.8401

 21.8975, 12.3715,
26.4547


 171.1028,
133.7285, 201.3556

 13.8978, 6.9972,
16.9353

210.1174,
167.6404, 246.8304

 8.1308, 3.4603,
10.0269

254.6530,
206.8492, 298.6831

 4.2313, 1.3765,
5.3109

305.0749,

 1.8338, 0.1993,

251.7395, 357.3322

2.3689

361.7485,
302.6955, 423.1962

■ 0.5379, 0.0000,
0.7695

■ 0.0000, 0.0000,
0.0000

■ 62.9468, 43.3628,
74.8642

■ 62.9468, 43.3628,
74.8642

■ 58.9857, 36.8554,
69.1823

■ 67.7928, 51.5827,
81.0179

■ 55.8438, 31.9300,
63.9468

■ 73.5772, 61.6219,
87.6616

■ 53.4505, 28.4464,
59.1325

■ 80.3528, 73.5851,
94.8153

■ 51.7220, 26.2371,
54.7095

■ 88.1673, 87.5673,
102.4970

■ 50.5457, 25.0779, 95.0500, 100.0000,
50.6382 108.9000

■ 50.3292, 24.8957,
49.7933

Harmonies

Analogous

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



54.5707, 43.3628, 111.9213



62.9468, 43.3628, 74.8642



65.0869, 43.3628, 41.0360

Triad

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



62.9468, 43.3628, 74.8642



38.9970, 43.3628, 9.6333



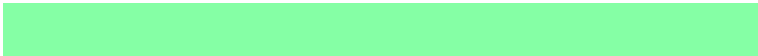
26.8287, 43.3628, 91.1587

Complementary

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



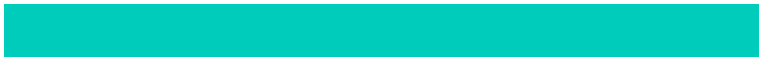
62.9468, 43.3628, 74.8642



52.2260, 79.2239, 48.1393

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.



24.0363, 43.3628, 53.9844



62.9468, 43.3628, 74.8642



30.2383, 43.3628, 13.9883

Square

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



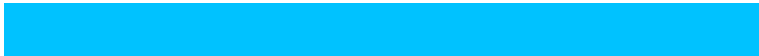
62.9468, 43.3628, 74.8642



49.9874, 43.3628, 11.3056



25.1675, 43.3628, 27.3800



33.5342, 43.3628, 123.8218

Rectangle

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



62.9468, 43.3628, 74.8642



62.4130, 43.3628, 25.6921



25.1675, 43.3628, 27.3800



25.4591, 43.3628, 78.2859

Sweetspot

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



62.9478, 43.3647, 74.8651



83.2285, 78.7112, 97.7021



41.6463, 31.8369, 98.5579



17.4644, 16.2231, 20.5631



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.



62.9478, 43.3647, 74.8651



59.2863, 37.3397, 69.6424



56.2847, 40.6994, 39.7773



18.5773, 18.2142, 21.6570



26.3628, 13.0344, 26.3587



2.6118, 1.2871, 2.8031

Inverse Universe

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



62.9478, 43.3647, 74.8651



59.2863, 37.3397, 69.6424



58.9566, 81.9162, 83.5823



18.5773, 18.2142, 21.6570



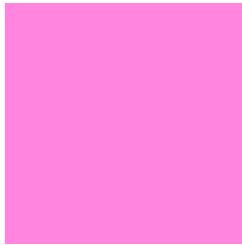
26.3628, 13.0344, 26.3587



2.6118, 1.2871, 2.8031

Previews

White Background



This preview shows how the XYZ color 62.9468, 43.3628, 74.8642 looks on a white background.

Color Contrast Check

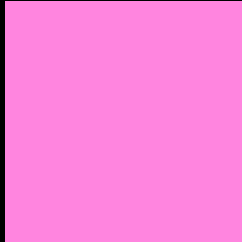
Large Text (above 18pt) WCAG AA × Fail

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 62.9468, 43.3628, 74.8642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

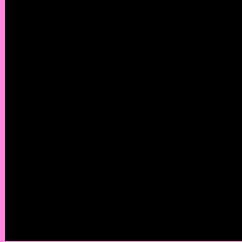
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9468, 43.3628, 74.8642

Background



This preview shows how black text looks on a background with the XYZ color 62.9468, 43.3628, 74.8642.



This preview shows how white text looks on a background with the XYZ color 62.9468, 43.3628,

74.8642.

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

62.9468, 43.3628, 74.8642

Protanopia

45.7879, 44.0072, 99.8469

Deuteranopia

44.5718, 43.7292, 71.0571



Tritanopia

55.3167, 43.2925, 37.7885

Trichromacy



Original Color

62.9468, 43.3628, 74.8642



Protanomaly

49.5621, 42.0862, 90.3053



Deuteranomaly

49.6416, 42.2647, 72.5593



Tritanomaly

57.9002, 43.2326, 49.5490

Monochromacy



Original Color

62.9468, 43.3628, 74.8642



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

48.7931, 43.4453, 58.0387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9468, 43.3628, 74.8642 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, 133, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 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, 133, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.9468, 43.3628, 74.8642 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, 133, 223) }
```


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

```
.border{ border-color:rgb(255, 133, 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, 133, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9468, 43.3628, 74.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 223) }
```

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

```
.background{ background-color: rgb(255,  
133, 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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