

Converting Colors

XYZ(62.8593, 44.9712, 69.3368)

Have a look what the booklet for
XYZ(62.8593, 44.9712, 69.3368)
contains.

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Color

**XYZ(62.8838, 44.9225,
69.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CD7
RGB	255, 140, 215
RGB Percent	100%, 55%, 84%
CMY	0.0000, 0.4510, 0.1569
CMYK	0.00, 0.45, 0.16, 0.00
HSL	321°, 100%, 77%
HSV	321°, 45%, 100%
XYZ	62.8838, 44.9225, 69.6465
YIQ	182.9350, 44.4650, 47.7050

Conversions

Conversions Part 2

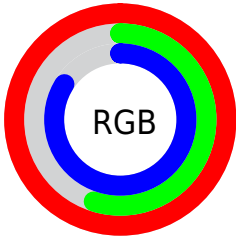
Format	Color
R _{YB}	255, 140, 215
Decimal	16747735
CIE Lab	72.84, 52.75, -19.15
CIE LCh	73, 56.116, 340.048
Yxy	44.9225, 0.3544, 0.2532
Android (android.graphics.Color)	4294937815 (0xFFFF8CD7)
YUV	182.9350, 15.8080, 63.2010
Hunter-Lab	67.0242, 50.1807, -14.6927

Details

The XYZ color **62.8838, 44.9225, 69.6465** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.8152, 80.3916, 55.8113**, and the grayscale version is **44.8745, 47.2114, 51.4132**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **32.4379, 20.9294, 35.5878** is the 20% darker color. If you saturate the color by 10%, you get **58.4711, 37.8719, 62.7041**, and if you desaturate by 10%, it is **68.2237, 53.7283, 77.2039**.

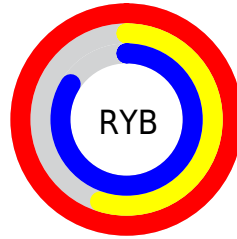
Distribution



Red (100%)

Green (55%)

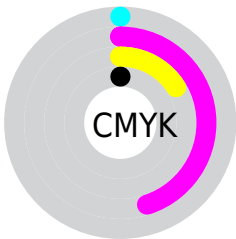
Blue (84%)



Red (100%)

Yellow (55%)

Blue (84%)

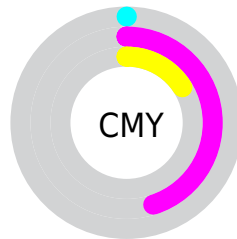


Cyan (0%)

Magenta (45%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8838, 44.9225, 69.6465 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 62.8838, 44.9225, 69.6465 by changing the saturation by 10% instead.


 62.8838, 44.9225,
69.6465


 62.8838, 44.9225,
69.6465


424.8140,
366.4596, 478.0634

 46.0055, 31.3964,
50.7634

 108.0846, 82.6041,
120.3809

 32.4548, 20.9009,
35.6449


 137.1378,
107.5284, 153.0692

 21.8664, 13.0516,
23.8726


170.9801,
137.0208, 191.1964

 13.8748, 7.4641,
15.0278

209.9767,
171.4659, 235.1809

 8.1147, 3.7540,
8.6920

254.4930,
211.2479, 285.4413

 4.2209, 1.5369,
4.4468

304.8945,

 1.8278, 0.3145,

256.7512, 342.3962

1.8735

361.5463,
308.3603, 406.4640

■ 0.5344, 0.0000,
0.4758

■ 0.0000, 0.0000,
0.0000

■ 62.8838, 44.9225,
69.6465

■ 62.8838, 44.9225,
69.6465

■ 58.4711, 37.8719,
62.7041

■ 68.2237, 53.7283,
77.2039

■ 54.9209, 32.4491,
56.3489

■ 74.5432, 64.3929,
85.3969

■ 52.1650, 28.5191,
50.5536

■ 81.8945, 77.0192,
94.2479

■ 50.1228, 25.9225,
45.2864

■ 90.3249, 91.7006,
103.7773

■ 48.6952, 24.4624,
40.5092

95.0500, 100.0000,
108.9000

■ 48.1506, 24.0242,
38.3206

Harmonies

Analogous

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



55.9498, 44.9225, 102.6860



62.8838, 44.9225, 69.6465



63.9759, 44.9225, 40.1206

Triad

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



62.8838, 44.9225, 69.6465



39.5056, 44.9225, 12.7780



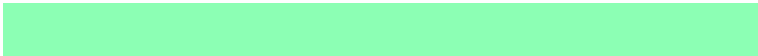
29.8798, 44.9225, 92.2968

Complementary

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



62.8838, 44.9225, 69.6465



54.8152, 80.3916, 55.8113

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.



26.7531, 44.9225, 58.9043



62.8838, 44.9225, 69.6465



31.7228, 44.9225, 18.2225

Square

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



62.8838, 44.9225, 69.6465



49.4285, 44.9225, 13.7850



27.3721, 44.9225, 32.7661



36.6071, 44.9225, 118.8438

Rectangle

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



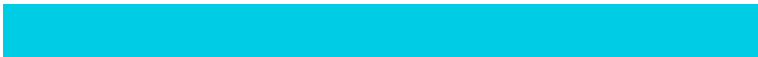
62.8838, 44.9225, 69.6465



61.0941, 44.9225, 26.6309



27.3721, 44.9225, 32.7661



28.4231, 44.9225, 81.0708

Sweetspot

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



62.8849, 44.9245, 69.6474



82.7645, 78.5256, 95.2583



45.8668, 35.4831, 99.0392



17.3508, 16.1777, 19.9649



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.



62.8849, 44.9245, 69.6474



58.9113, 38.5626, 63.4355



56.8921, 42.5273, 38.0894



18.5085, 18.1867, 21.2951



25.2329, 12.5825, 20.4090



2.5085, 1.2458, 2.2591

Inverse Universe

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



62.8849, 44.9245, 69.6474



58.9113, 38.5626, 63.4355



61.6926, 83.1425, 92.0274



18.5085, 18.1867, 21.2951



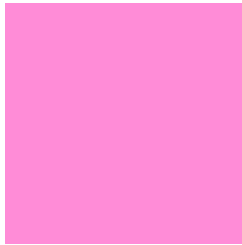
25.2329, 12.5825, 20.4090



2.5085, 1.2458, 2.2591

Previews

White Background



This preview shows how the XYZ color 62.8838, 44.9225, 69.6465 looks on a white background.

Color Contrast Check

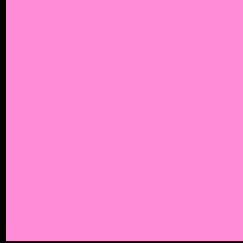
Large Text (above 18pt) WCAG AA × Fail

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 62.8838, 44.9225, 69.6465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

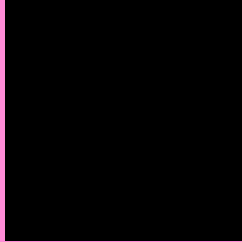
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8838, 44.9225, 69.6465

Background



This preview shows how black text looks on a background with the XYZ color 62.8838, 44.9225, 69.6465.



This preview shows how white text looks on a background with the XYZ color 62.8838, 44.9225,

69.6465.

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

62.8838, 44.9225, 69.6465

Protanopia

46.2973, 45.3722, 89.5367

Deuteranopia

46.1300, 45.2085, 66.6164



Tritanopia

56.6551, 44.8816, 39.8594

Trichromacy



Original Color

62.8838, 44.9225, 69.6465



Protanomaly

50.3466, 43.9792, 82.1792



Deuteranomaly

50.9727, 44.0991, 67.4534



Tritanomaly

58.5579, 44.7129, 49.2602

Monochromacy



Original Color

62.8838, 44.9225, 69.6465



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.9635, 45.1329, 57.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8838, 44.9225, 69.6465 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, 140, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 215)  
}
```

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, 140, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.8838, 44.9225, 69.6465 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, 140, 215) }
```


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

```
.border{ border-color:rgb(255, 140, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 140, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8838, 44.9225, 69.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 215) }
```

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

```
.background{ background-color: rgb(255,  
140, 215) }
```

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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