

Converting Colors

XYZ(62.7790, 51.4971, 71.4072)

Have a look what the booklet for
XYZ(62.7790, 51.4971, 71.4072)
contains.

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Color

**XYZ(62.8313, 51.4725,
71.5894)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A7D8
RGB	242, 167, 216
RGB Percent	95%, 65%, 85%
CMY	0.0510, 0.3451, 0.1529
CMYK	0.00, 0.31, 0.11, 0.05
HSL	321°, 74%, 80%
HSV	321°, 31%, 95%
XYZ	62.8313, 51.4725, 71.5894
YIQ	195.0110, 28.9710, 31.1390

Conversions

Conversions Part 2

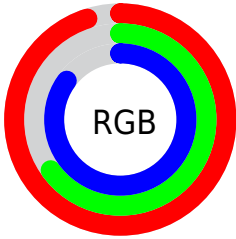
Format	Color
R _Y B	242, 167, 216
Decimal	15902680
CIE Lab	76.96, 34.85, -13.63
CIE LCh	77, 37.422, 338.645
Yxy	51.4725, 0.3380, 0.2769
Android (android.graphics.Color)	4294092760 (0xFFFF2A7D8)
YUV	195.0110, 10.3476, 41.2094
Hunter-Lab	71.7443, 30.7718, -8.9409

Details

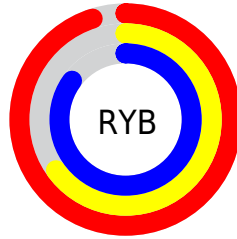
The XYZ color **62.8313, 51.4725, 71.5894** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.3162, 75.5714, 62.0212**, and the grayscale version is **51.8078, 54.5059, 59.3569**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **32.4579, 24.9221, 36.8179** is the 20% darker color. If you saturate the color by 10%, you get **57.7489, 42.9990, 64.6800**, and if you desaturate by 10%, it is **68.8016, 61.6319, 79.0692**.

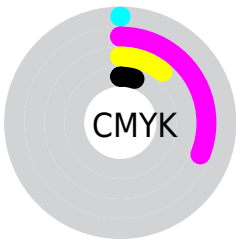
Distribution



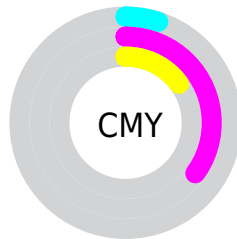
- Red (95%)
- Green (65%)
- Blue (85%)



- Red (95%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8313, 51.4725, 71.5894 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 62.8313, 51.4725, 71.5894 by changing the saturation by 10% instead.


 62.8313, 51.4725,
71.5894


 62.8313, 51.4725,
71.5894


424.6264,
392.3968, 485.0503

 45.9629, 36.5848,
52.3385

 108.0093, 92.3528,
123.1749

 32.4210, 24.8862,
36.8909


 137.0495,
119.1142, 156.3466

 21.8404, 15.9923,
24.8279


170.8778,
150.6023, 194.9956

 13.8556, 9.5187,
15.7310

209.8594,
187.2015, 239.5406

 8.1013, 5.0810,
9.1817

254.3597,
229.2961, 290.4000

 4.2122, 2.2949,
4.7615

304.7441,

 1.8229, 0.7710,

277.2706, 347.9924

2.0517

361.3778,
331.5094, 412.7363

■ 0.5314, 0.0000,
0.5868

■ 0.0000, 0.0000,
0.0000

■ 62.8313, 51.4725,
71.5894

■ 62.8313, 51.4725,
71.5894

■ 57.7489, 42.9990,
64.6800

■ 68.8016, 61.6319,
79.0692

■ 53.5028, 36.1112,
58.3179

■ 75.6989, 73.5559,
87.1347

■ 50.0426, 30.7093,
52.4830

■ 83.5652, 87.3269,
95.8042

■ 47.3105, 26.6791,
47.1517

■ 89.5647, 97.2720,
104.1364

■ 45.2405, 23.8898,
42.2977

■ 90.4283, 97.6174,
108.6837

■ 43.7534, 22.1846,
37.8900

■ 42.7987, 21.3496,
34.2592

Harmonies

Analogous

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



57.9917, 51.4725, 92.6352



62.8313, 51.4725, 71.5894



63.7638, 51.4725, 50.3491

Triad

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



62.8313, 51.4725, 71.5894



46.8916, 51.4725, 25.5043



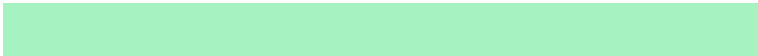
38.9795, 51.4725, 84.3073

Complementary

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



62.8313, 51.4725, 71.5894



57.3162, 75.5714, 62.0212

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.



36.5846, 51.4725, 62.1546



62.8313, 51.4725, 71.5894



40.8528, 51.4725, 30.6361

Square

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



62.8313, 51.4725, 71.5894



54.0861, 51.4725, 26.8584



37.2355, 51.4725, 42.9309



44.0996, 51.4725, 101.1308

Rectangle

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



62.8313, 51.4725, 71.5894



61.9651, 51.4725, 39.2543



37.2355, 51.4725, 42.9309



37.8528, 51.4725, 77.0476

Sweetspot

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



62.8328, 51.4748, 71.5905



86.9059, 85.7195, 99.9960



51.5862, 45.2574, 90.0218



18.3378, 17.8880, 21.1064



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.



62.8328, 51.4748, 71.5905



67.1475, 51.9171, 75.7932



58.6259, 49.7921, 49.4369



16.2079, 15.9329, 18.6512



23.0585, 11.4958, 18.7565



1.9650, 0.9750, 1.8063

Inverse Universe

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



62.8328, 51.4748, 71.5905



67.1475, 51.9171, 75.7932



61.9030, 77.4061, 86.1748



16.2079, 15.9329, 18.6512



23.0585, 11.4958, 18.7565



1.9650, 0.9750, 1.8063

Previews

White Background



This preview shows how the XYZ color 62.8313, 51.4725, 71.5894 looks on a white background.

Color Contrast Check

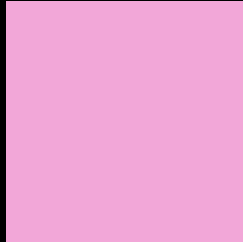
Large Text (above 18pt) WCAG AA × Fail

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 62.8313, 51.4725, 71.5894 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 62.8313, 51.4725, 71.5894

Background



This preview shows how black text looks on a background with the XYZ color 62.8313, 51.4725, 71.5894.



This preview shows how white text looks on a background with the XYZ color 62.8313, 51.4725,

71.5894.

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

62.8313, 51.4725, 71.5894

Protanopia

51.5366, 51.9321, 82.1705

Deuteranopia

52.9124, 51.6441, 70.1303



Tritanopia

59.0664, 51.6095, 53.3029

Trichromacy



Original Color

62.8313, 51.4725, 71.5894



Protanomaly

54.7431, 51.1805, 78.2277



Deuteranomaly

56.0823, 51.1429, 70.5340



Tritanomaly

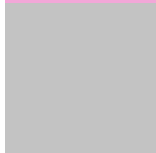
60.2376, 51.5078, 59.5905

Monochromacy



Original Color

62.8313, 51.4725, 71.5894



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.2798, 53.0068, 63.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8313, 51.4725, 71.5894 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(242, 167, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 167, 216)  
}
```

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(242, 167, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 167, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.8313, 51.4725, 71.5894 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(242, 167, 216) }
```


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

```
.border{ border-color:rgb(242, 167, 216) }
```

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

Here you see how a box with a 4 pixel rgb(242, 167, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 167, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 167, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 167,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8313, 51.4725, 71.5894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 167, 216) }
```

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

```
.background{ background-color: rgb(242,  
167, 216) }
```

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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