

# Converting Colors

XYZ(62.6755, 49.5914, 62.1951)

Have a look what the booklet for  
XYZ(62.6755, 49.5914, 62.1951)  
contains.

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# Color

**XYZ(62.4831, 49.3845,  
62.1161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA9FCA
RGB	250, 159, 202
RGB Percent	98%, 62%, 79%
CMY	0.0196, 0.3764, 0.2078
CMYK	0.00, 0.36, 0.19, 0.02
HSL	332°, 90%, 80%
HSV	332°, 36%, 98%
XYZ	62.4831, 49.3845, 62.1161
YIQ	191.1110, 40.4330, 32.6650

# Conversions

## Conversions Part 2

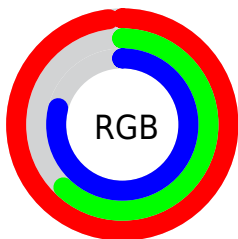
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 159, 202
Decimal	16424906
CIE Lab	75.69, 39.54, -7.79
CIE LCh	76, 40.300, 348.858
Yxy	49.3845, 0.3591, 0.2838
Android (android.graphics.Color)	4294614986 (0xFFFA9FCA)
YUV	191.1110, 5.3683, 51.6457
Hunter-Lab	70.2741, 35.7307, -3.2152

# Details

The XYZ color **62.4831, 49.3845, 62.1161** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7483, 80.2484, 71.3755**, and the grayscale version is **49.5403, 52.1203, 56.7590**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **32.2376, 23.6527, 30.8833** is the 20% darker color. If you saturate the color by 10%, you get **57.1156, 41.0420, 52.9497**, and if you desaturate by 10%, it is **68.8563, 59.5237, 72.2772**.

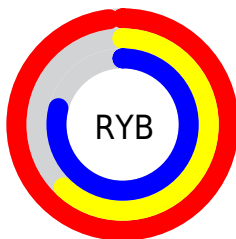
# Distribution



Red (98%)

Green (62%)

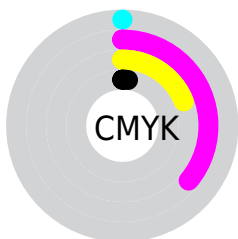
Blue (79%)



Red (98%)

Yellow (62%)

Blue (79%)

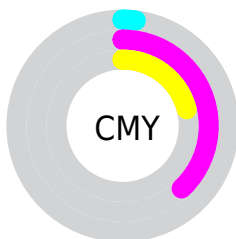


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (2%)



Cyan (2%)

Magenta (38%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4831, 49.3845, 62.1161 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 62.4831, 49.3845, 62.1161 by changing the saturation by 10% instead.




 62.4831, 49.3845,  
62.1161


 62.4831, 49.3845,  
62.1161


423.3806,  
384.2541, 450.3738

 45.6802, 34.9246,  
44.6901

 107.5094, 89.2623,  
109.4665

 32.1971, 23.6048,  
30.8722


 136.4636,  
115.4489, 140.2281

 21.6684, 15.0407,  
20.2439


170.1990,  
146.3132, 176.2719

 13.7287, 8.8480,  
12.3867

209.0809,  
182.2396, 218.0165

 8.0126, 4.6421,  
6.8819

253.4746,  
223.6125, 265.8804

 4.1549, 2.0389,  
3.3110

303.7456,

 1.7901, 0.6299,

270.8163, 320.2823

1.2555

360.2591,  
324.2353, 381.6406

■ 0.5117, 0.0000,  
0.0249

■ 0.0000, 0.0000,  
0.0000

■ 62.4831, 49.3845,  
62.1161

■ 62.4831, 49.3845,  
62.1161

■ 57.1156, 41.0420,  
52.9497

■ 68.8563, 59.5237,  
72.2772

■ 52.6933, 34.3825,  
44.7398

■ 76.2824, 71.5505,  
83.4629

■ 49.1560, 29.2899,  
37.4499

■ 84.8107, 85.5580,  
95.7055

■ 46.4337, 25.6306,  
31.0388

■ 93.1945, 99.0481,  
108.6041

■ 44.4452, 23.2479,  
25.4610

■ 93.2345, 99.0641,  
108.8150

■ 43.0897, 21.9465,  
20.6632

■ 42.7020, 21.6351,  
19.1040

# Harmonies

## Analogous

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



58.6034, 49.3845, 85.6187



62.4831, 49.3845, 62.1161



61.8799, 49.3845, 41.5449

# Triad

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



62.4831, 49.3845, 62.1161



42.4488, 49.3845, 23.4890



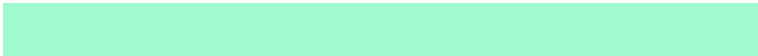
38.1110, 49.3845, 91.0654

# Complementary

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



62.4831, 49.3845, 62.1161



59.7483, 80.2484, 71.3755

# 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.



34.6194, 49.3845, 68.1881



62.4831, 49.3845, 62.1161



36.9343, 49.3845, 30.9996

# Square

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



62.4831, 49.3845, 62.1161



49.7683, 49.3845, 22.6742



34.2128, 49.3845, 46.2095



44.2180, 49.3845, 105.0516



# Rectangle

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



62.4831, 49.3845, 62.1161



59.0311, 49.3845, 31.8779



34.2128, 49.3845, 46.2095



36.6215, 49.3845, 83.9173

# Sweetspot

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



62.4845, 49.3868, 62.1171



84.4539, 82.4742, 94.0647



55.1137, 44.8252, 96.1902



17.8185, 17.2291, 19.7627



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.



62.4845, 49.3868, 62.1171



60.9752, 44.8220, 57.5517



58.3447, 48.1508, 39.0226



17.5860, 17.3618, 19.6758



22.7219, 11.5045, 10.5097



2.1575, 1.0868, 1.2531



# Inverse Universe

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



62.4845, 49.3868, 62.1171



60.9752, 44.8220, 57.5517



65.2711, 81.7065, 102.7737



17.5860, 17.3618, 19.6758



22.7219, 11.5045, 10.5097



2.1575, 1.0868, 1.2531



# Previews

## White Background



This preview shows how the XYZ color 62.4831, 49.3845, 62.1161 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

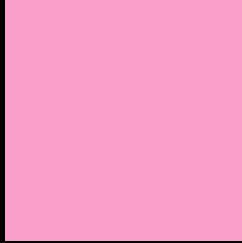
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.4831, 49.3845, 62.1161 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 62.4831, 49.3845, 62.1161**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.4831, 49.3845, 62.1161.



This preview shows how white text looks on a background with the XYZ color 62.4831, 49.3845,



# 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

62.4831, 49.3845, 62.1161

### Protanopia

49.1912, 49.6362, 74.0059

### Deuteranopia

50.5363, 49.4043, 60.2985



## Tritanopia

59.4697, 49.4597, 47.4866

# Trichromacy



## Original Color

62.4831, 49.3845, 62.1161



## Protanomaly

52.9892, 48.9766, 69.6114



## Deuteranomaly

54.1658, 48.9161, 60.6197



## Tritanomaly

60.3887, 49.2999, 52.2319

# Monochromacy



## Original Color

62.4831, 49.3845, 62.1161



## Achromatopsia

49.5206, 52.0996, 56.7364



## Achromatomaly

53.1218, 50.1774, 58.5151

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.4831, 49.3845, 62.1161 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(250, 159, 202)` looks like.

```
.text, #text, p{  
    color:rgb(250, 159, 202)  
}
```

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(250, 159, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 159, 202) }
```

## Border

The CSS property to change the border of an element to XYZ 62.4831, 49.3845, 62.1161 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(250, 159, 202) }
```



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

```
.border{ border-color:rgb(250, 159, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 159, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 159, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 159, 202);  
box-shadow:4px 4px 4px 4px rgb(250, 159,  
202) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.4831, 49.3845, 62.1161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 159, 202) }
```

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

```
.background{ background-color: rgb(250,  
159, 202) }
```

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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