

Converting Colors

XYZ(65.5892, 50.3976, 57.7470)

Have a look what the booklet for
XYZ(65.5892, 50.3976, 57.7470)
contains.

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Color

**XYZ(62.9788, 48.9771,
57.7639)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CC3
RGB	255, 156, 195
RGB Percent	100%, 61%, 76%
CMY	0.0000, 0.3882, 0.2353
CMYK	0.00, 0.39, 0.24, 0.00
HSL	336°, 100%, 81%
HSV	336°, 39%, 100%
XYZ	62.9788, 48.9771, 57.7639
YIQ	190.0470, 46.4850, 33.1170

Conversions

Conversions Part 2

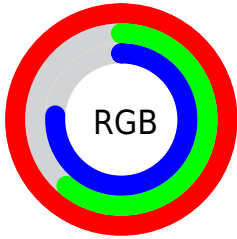
Format	Color
R _Y B	255, 156, 195
Decimal	16751811
CIE Lab	75.44, 41.78, -4.26
CIE LCh	75, 41.993, 354.184
Yxy	48.9771, 0.3711, 0.2886
Android (android.graphics.Color)	4294941891 (0xFFFF9CC3)
YUV	190.0470, 2.4418, 56.9638
Hunter-Lab	69.9836, 38.1621, 0.0511

Details

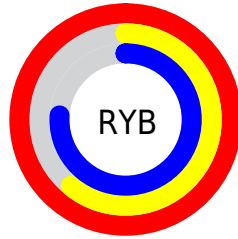
The XYZ color **62.9788, 48.9771, 57.7639** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8670, 83.5468, 77.8350**, and the grayscale version is **48.9395, 51.4882, 56.0706**.

A 20% lighter version of the original color is **82.3542, 75.3752, 102.3038**, and **32.4229, 23.3593, 27.9992** is the 20% darker color. If you saturate the color by 10%, you get **57.4822, 40.6372, 47.7518**, and if you desaturate by 10%, it is **69.5569, 59.1901, 69.0300**.

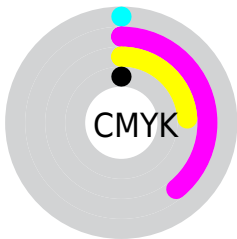
Distribution



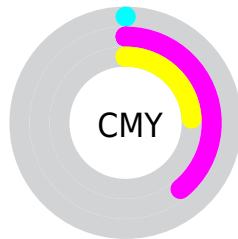
- Red (100%)
- Green (61%)
- Blue (76%)



- Red (100%)
- Yellow (61%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9788, 48.9771, 57.7639 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 62.9788, 48.9771, 57.7639 by changing the saturation by 10% instead.


 62.9788, 48.9771,
57.7639


 62.9788, 48.9771,
57.7639


425.1534,
382.6522, 433.8793

 46.0826, 34.6013,
41.2054

 108.2209, 88.6574,
103.0903

 32.5159, 23.3559,
28.1587


 137.2976,
114.7308, 132.6954

 21.9133, 14.8565,
18.2053

171.1651,
145.4721, 167.4864

 13.9095, 8.7188,
10.9265

210.1889,
181.2658, 207.8818

 8.1390, 4.5582,
5.9039

254.7342,
222.4963, 254.3003

 4.2366, 1.9905,
2.7189

305.1666,

 1.8368, 0.6019,

269.5479, 307.1603

0.9529

361.8512,
322.8050, 366.8805

■ 0.5397, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9788, 48.9771,
57.7639

■ 62.9788, 48.9771,
57.7639

■ 57.4822, 40.6372,
47.7518

■ 69.5569, 59.1901,
69.0300

■ 53.0013, 34.0481,
38.9432

■ 77.2698, 71.3750,
81.5921

■ 49.4684, 29.0836,
31.2876

■ 86.1715, 85.6317,
95.4936

■ 46.8055, 25.5974,
24.7293

95.0500, 100.0000,
108.9000

■ 44.9210, 23.4162,
19.2059

■ 43.6843, 22.2899,
14.6404

■ 43.5619, 22.1888,
14.1571

Harmonies

Analogous

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



59.6896, 48.9771, 82.3541



62.9788, 48.9771, 57.7639



61.4871, 48.9771, 37.7060

Triad

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



62.9788, 48.9771, 57.7639



40.7178, 48.9771, 23.1345



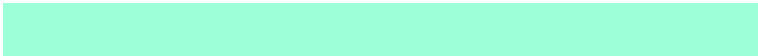
38.3755, 48.9771, 95.8846

Complementary

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



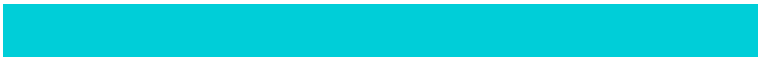
62.9788, 48.9771, 57.7639



61.8670, 83.5468, 77.8350

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.



34.2541, 48.9771, 72.7594



62.9788, 48.9771, 57.7639



35.4979, 48.9771, 32.0755

Square

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



62.9788, 48.9771, 57.7639



48.0755, 48.9771, 21.1751



33.2619, 48.9771, 49.1247



45.0596, 48.9771, 107.9492

Rectangle

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



62.9788, 48.9771, 57.7639



58.0576, 48.9771, 28.8000



33.2619, 48.9771, 49.1247



36.6755, 48.9771, 88.8830

Sweetspot

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



62.9800, 48.9793, 57.7649



83.2096, 80.8691, 90.9265



58.0823, 45.5073, 100.3303



17.5575, 16.9039, 19.0689



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.



62.9800, 48.9793, 57.7649



58.4057, 42.0221, 49.4840



60.8605, 50.8988, 38.0722



18.3057, 18.1056, 20.2269



22.8303, 11.6214, 7.7567



2.2748, 1.1523, 1.0285

Inverse Universe

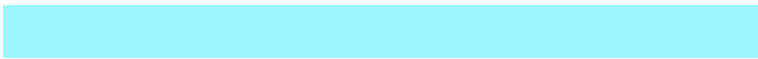
The Inverse Universe completely reimagines the original color for something new.



62.9800, 48.9793, 57.7649



58.4057, 42.0221, 49.4840



64.4445, 79.6543, 106.5860



18.3057, 18.1056, 20.2269



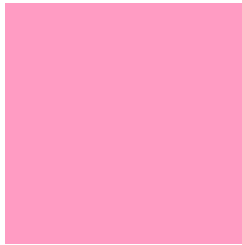
22.8303, 11.6214, 7.7567



2.2748, 1.1523, 1.0285

Previews

White Background



This preview shows how the XYZ color 62.9788, 48.9771, 57.7639 looks on a white background.

Color Contrast Check

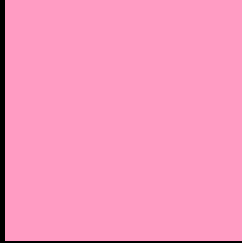
Large Text (above 18pt) WCAG AA × Fail

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 62.9788, 48.9771, 57.7639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

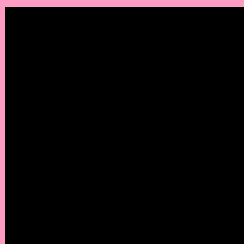
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9788, 48.9771, 57.7639

Background



This preview shows how black text looks on a background with the XYZ color 62.9788, 48.9771, 57.7639.



This preview shows how white text looks on a background with the XYZ color 62.9788, 48.9771,

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

62.9788, 48.9771, 57.7639

Protanopia

48.6506, 49.4471, 69.9309

Deuteranopia

50.0823, 48.9607, 56.1009



Tritanopia

60.5252, 49.0028, 45.2982

Trichromacy



Original Color

62.9788, 48.9771, 57.7639



Protanomaly

52.5711, 48.2836, 64.9414



Deuteranomaly

53.8961, 48.3037, 56.3521



Tritanomaly

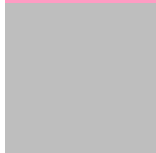
61.5094, 49.1624, 49.4274

Monochromacy



Original Color

62.9788, 48.9771, 57.7639



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

53.1664, 49.9427, 56.7069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9788, 48.9771, 57.7639 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, 156, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 195)  
}
```

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, 156, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 195) }
```

Border

The CSS property to change the border of an element to XYZ 62.9788, 48.9771, 57.7639 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, 156, 195) }
```


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

```
.border{ border-color:rgb(255, 156, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9788, 48.9771, 57.7639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 195) }
```

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

```
.background{ background-color: rgb(255,  
156, 195) }
```

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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