

Converting Colors

XYZ(62.4584, 47.9733, 57.4763)

Have a look what the booklet for
XYZ(62.4584, 47.9733, 57.4763)
contains.

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Color

**XYZ(62.4816, 47.9826,
57.5982)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C3
RGB	255, 153, 195
RGB Percent	100%, 60%, 76%
CMY	0.0000, 0.4000, 0.2353
CMYK	0.00, 0.40, 0.24, 0.00
HSL	335°, 100%, 80%
HSV	335°, 40%, 100%
XYZ	62.4816, 47.9826, 57.5982
YIQ	188.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

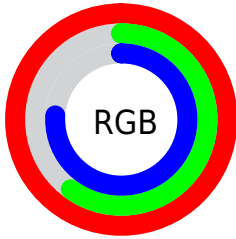
Format	Color
R _Y B	255, 153, 195
Decimal	16751043
CIE Lab	74.81, 43.31, -5.17
CIE LCh	75, 43.620, 353.187
Yxy	47.9826, 0.3718, 0.2855
Android (android.graphics.Color)	4294941123 (0xFFFF99C3)
YUV	188.2860, 3.3100, 58.5082
Hunter-Lab	69.2695, 39.7868, -0.8115

Details

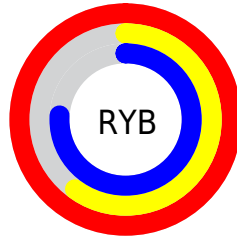
The XYZ color **62.4816, 47.9826, 57.5982** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9090, 83.0973, 75.7836**, and the grayscale version is **47.9266, 50.4225, 54.9102**.

A 20% lighter version of the original color is **81.6112, 73.8892, 102.0561**, and **32.1298, 22.7732, 27.9015** is the 20% darker color. If you saturate the color by 10%, you get **57.1332, 39.8652, 47.8637**, and if you desaturate by 10%, it is **68.8944, 57.9560, 68.5294**.

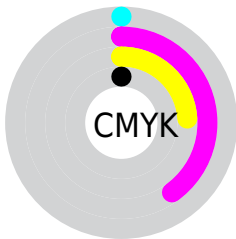
Distribution



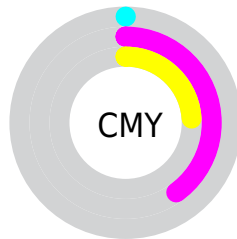
- Red (100%)
- Green (60%)
- Blue (76%)



- Red (100%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4816, 47.9826, 57.5982 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 62.4816, 47.9826, 57.5982 by changing the saturation by 10% instead.


 62.4816, 47.9826,
57.5982


 62.4816, 47.9826,
57.5982

423.3753,
378.7232, 433.2434

 45.6790, 33.8131,
41.0732

 107.5073, 87.1785,
102.8465

 32.1962, 22.7501,
28.0561


 136.4611,
112.9737, 132.4068

 21.6676, 14.4091,
18.1286

170.1961,
143.4129, 167.1493

 13.7281, 8.4057,
10.8719

209.0775,
178.8805, 207.4926

 8.0123, 4.3556,
5.8677

253.4708,
219.7610, 253.8551

 4.1547, 1.8744,
2.6973

303.7413,

 1.7900, 0.5329,

266.4386, 306.6553

0.9421

360.2543,
319.2979, 366.3119

■ 0.5116, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4816, 47.9826,
57.5982

■ 62.4816, 47.9826,
57.5982

■ 57.1332, 39.8652,
47.8637

■ 68.8944, 57.9560,
68.5294

■ 52.7835, 33.4806,
39.2775

■ 76.4254, 69.8852,
80.6970

■ 49.3644, 28.7009,
31.7917

■ 85.1283, 83.8708,
94.1425

■ 46.7972, 25.3774,
25.3528

95.0500, 100.0000,
108.9000

■ 44.9886, 23.3331,
19.9011

■ 43.7897, 22.2800,
15.3562

■ 43.7894, 22.2798,
15.3552

Harmonies

Analogous

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



58.9335, 47.9826, 83.0199



62.4816, 47.9826, 57.5982



61.1056, 47.9826, 36.8698

Triad

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



62.4816, 47.9826, 57.5982



39.8626, 47.9826, 21.5085



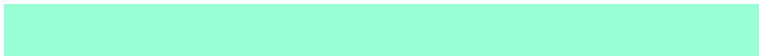
37.0667, 47.9826, 95.5787

Complementary

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



62.4816, 47.9826, 57.5982



60.9090, 83.0973, 75.7836

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.



32.9777, 47.9826, 71.3915



62.4816, 47.9826, 57.5982



34.4565, 47.9826, 30.2053

Square

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



62.4816, 47.9826, 57.5982



47.4388, 47.9826, 19.7761



32.0806, 47.9826, 47.2340



43.8210, 47.9826, 108.7002

Rectangle

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



62.4816, 47.9826, 57.5982



57.6503, 47.9826, 27.6973



32.0806, 47.9826, 47.2340



35.3682, 47.9826, 88.1874

Sweetspot

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



62.4827, 47.9848, 57.5991



83.2892, 80.9010, 91.3457



56.7388, 44.0765, 100.1249



17.5762, 16.9113, 19.1673



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.



62.4827, 47.9848, 57.5991



58.1198, 41.3445, 49.7149



59.8238, 49.2271, 36.4885



18.3195, 18.1111, 20.2994



22.9508, 11.6696, 8.3913



2.2874, 1.1573, 1.0947

Inverse Universe

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



62.4827, 47.9848, 57.5991



58.1198, 41.3445, 49.7149



64.2963, 80.2094, 106.7009



18.3195, 18.1111, 20.2994



22.9508, 11.6696, 8.3913



2.2874, 1.1573, 1.0947

Previews

White Background



This preview shows how the XYZ color 62.4816, 47.9826, 57.5982 looks on a white background.

Color Contrast Check

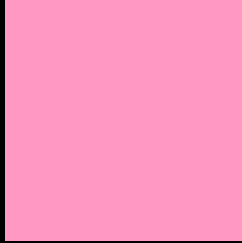
Large Text (above 18pt) WCAG AA × Fail

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 62.4816, 47.9826, 57.5982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

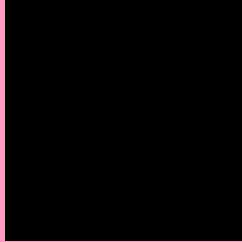
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4816, 47.9826, 57.5982

Background



This preview shows how black text looks on a background with the XYZ color 62.4816, 47.9826, 57.5982.



This preview shows how white text looks on a background with the XYZ color 62.4816, 47.9826,

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

62.4816, 47.9826, 57.5982

Protanopia

47.6615, 48.3057, 70.4302

Deuteranopia

49.2338, 48.2373, 55.4310



Tritanopia

59.5332, 48.0137, 43.6660

Trichromacy



Original Color

62.4816, 47.9826, 57.5982



Protanomaly

51.7471, 47.2754, 65.4292



Deuteranomaly

53.4044, 47.7709, 56.2752



Tritanomaly

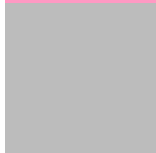
60.4324, 47.8739, 48.1749

Monochromacy



Original Color

62.4816, 47.9826, 57.5982



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.8853, 48.4186, 55.9013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4816, 47.9826, 57.5982 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, 153, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 195) }
```

Border

The CSS property to change the border of an element to XYZ 62.4816, 47.9826, 57.5982 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, 153, 195) }
```


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

```
.border{ border-color:rgb(255, 153, 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, 153, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4816, 47.9826, 57.5982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 195) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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