

Converting Colors

XYZ(62.7636, 48.8946, 56.6539)

Have a look what the booklet for
XYZ(62.7636, 48.8946, 56.6539)
contains.

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Color

**XYZ(62.7541, 48.8872,
56.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CC1
RGB	255, 156, 193
RGB Percent	100%, 61%, 76%
CMY	0.0000, 0.3882, 0.2431
CMYK	0.00, 0.39, 0.24, 0.00
HSL	338°, 100%, 81%
HSV	338°, 39%, 100%
XYZ	62.7541, 48.8872, 56.5807
YIQ	189.8190, 47.1270, 32.4950

Conversions

Conversions Part 2

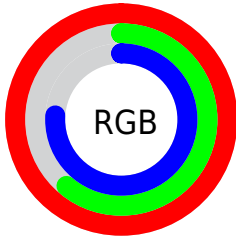
Format	Color
R _Y B	255, 156, 193
Decimal	16751809
CIE Lab	75.38, 41.50, -3.24
CIE LCh	75, 41.625, 355.537
Yxy	48.8872, 0.3730, 0.2906
Android (android.graphics.Color)	4294941889 (0xFFFF9CC1)
YUV	189.8190, 1.5682, 57.1637
Hunter-Lab	69.9194, 37.8485, 0.9645

Details

The XYZ color **62.7541, 48.8872, 56.5807** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.1272, 83.6508, 79.2054**, and the grayscale version is **48.8129, 51.3550, 55.9256**.

A 20% lighter version of the original color is **81.8824, 75.1865, 99.8193**, and **32.3488, 23.3297, 27.6091** is the 20% darker color. If you saturate the color by 10%, you get **57.2290, 40.5359, 46.4188**, and if you desaturate by 10%, it is **69.3722, 59.1162, 68.0573**.

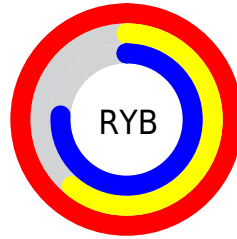
Distribution



Red (100%)

Green (61%)

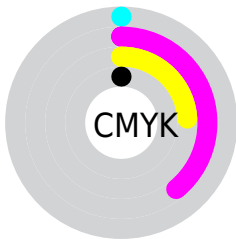
Blue (76%)



Red (100%)

Yellow (61%)

Blue (76%)

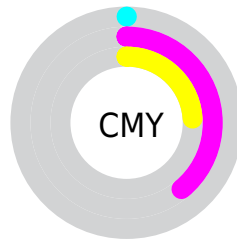


Cyan (0%)

Magenta (39%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7541, 48.8872, 56.5807 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 62.7541, 48.8872, 56.5807 by changing the saturation by 10% instead.


 62.7541, 48.8872,
56.5807


 62.7541, 48.8872,
56.5807


424.3504,
382.2981, 429.3259

 45.9002, 34.5300,
40.2616

 107.8985, 88.5239,
101.3474

 32.3714, 23.3011,
27.4272


 136.9197,
114.5722, 130.6320

 21.8022, 14.8160,
17.6591


170.7274,
145.2863, 165.0755

 13.8274, 8.6903,
10.5386

209.6869,
181.0507, 205.0965

 8.0816, 4.5398,
5.6472

254.1636,
222.2496, 251.1135

 4.1995, 1.9798,
2.5665

304.5228,

 1.8156, 0.5957,

269.2676, 303.5451

0.8751

361.1300,
322.4889, 362.8097

■ 0.5270, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7541, 48.8872,
56.5807

■ 62.7541, 48.8872,
56.5807

■ 57.2290, 40.5359,
46.4188

■ 69.3722, 59.1162,
68.0573

■ 52.7306, 33.9398,
37.5177

■ 77.1371, 71.3219,
80.8936

■ 49.1904, 28.9724,
29.8238

■ 86.1035, 85.6045,
95.1358

■ 46.5298, 25.4871,
23.2774

95.0500, 100.0000,
108.9000

■ 44.6564, 23.3103,
17.8123

■ 43.4386, 22.1917,
13.3467

■ 43.3190, 22.0916,
12.8778

Harmonies

Analogous

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



59.7006, 48.8872, 80.8506



62.7541, 48.8872, 56.5807



61.0657, 48.8872, 37.0351

Triad

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



62.7541, 48.8872, 56.5807



40.4002, 48.8872, 23.5159



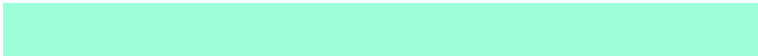
38.6184, 48.8872, 96.1418

Complementary

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



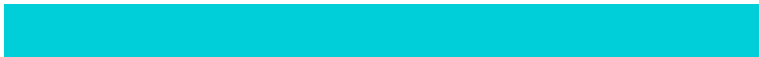
62.7541, 48.8872, 56.5807



62.1272, 83.6508, 79.2054

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.



34.4009, 48.8872, 73.5675



62.7541, 48.8872, 56.5807



35.3475, 48.8872, 32.7474

Square

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



62.7541, 48.8872, 56.5807



47.6216, 48.8872, 21.2746



33.2722, 48.8872, 50.0140



45.3289, 48.8872, 107.3426

Rectangle

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



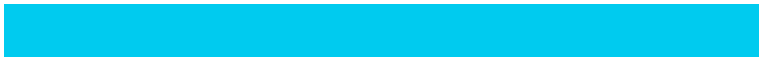
62.7541, 48.8872, 56.5807



57.5669, 48.8872, 28.4400



33.2722, 48.8872, 50.0140



36.8923, 48.8872, 89.3749

Sweetspot

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



62.7553, 48.8895, 56.5817



83.1197, 80.8331, 90.4530



58.5705, 45.7589, 100.3531



17.5364, 16.8954, 18.9578



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.



62.7553, 48.8895, 56.5817



58.1569, 41.9226, 48.1739



61.1621, 51.5021, 38.1727



18.2901, 18.0994, 20.1448



22.7013, 11.5698, 7.0775



2.2612, 1.1468, 0.9568

Inverse Universe

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



62.7553, 48.8895, 56.5817



58.1569, 41.9226, 48.1739



63.9472, 78.6599, 106.4202



18.2901, 18.0994, 20.1448



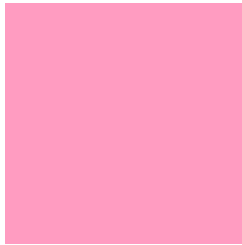
22.7013, 11.5698, 7.0775



2.2612, 1.1468, 0.9568

Previews

White Background



This preview shows how the XYZ color 62.7541, 48.8872, 56.5807 looks on a white background.

Color Contrast Check

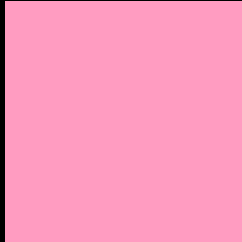
Large Text (above 18pt) WCAG AA × Fail

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 62.7541, 48.8872, 56.5807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

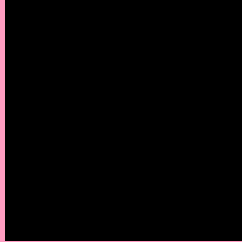
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7541, 48.8872, 56.5807

Background



This preview shows how black text looks on a background with the XYZ color 62.7541, 48.8872, 56.5807.



This preview shows how white text looks on a background with the XYZ color 62.7541, 48.8872,

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

62.7541, 48.8872, 56.5807

Protanopia

48.3982, 49.3462, 68.6019

Deuteranopia

50.1352, 49.0131, 54.9622



Tritanopia

60.5252, 49.0028, 45.2982

Trichromacy



Original Color

62.7541, 48.8872, 56.5807



Protanomaly

52.3296, 48.1870, 63.6697



Deuteranomaly

53.9814, 48.3731, 55.2070



Tritanomaly

61.5094, 49.1624, 49.4274

Monochromacy



Original Color

62.7541, 48.8872, 56.5807



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

53.0559, 49.8985, 56.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7541, 48.8872, 56.5807 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.7541, 48.8872, 56.5807 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, 193) }
```


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

```
.border{ border-color:rgb(255, 156, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7541, 48.8872, 56.5807 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
156, 193) }
```

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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