

Converting Colors

XYZ(162.2234, 100.0000,
61.2126)

Have a look what the booklet for
XYZ(162.2234, 100.0000, 61.2126)
contains.

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Color

**XYZ(62.5870, 48.5529,
56.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BC1
RGB	255, 155, 193
RGB Percent	100%, 61%, 76%
CMY	0.0000, 0.3921, 0.2431
CMYK	0.00, 0.39, 0.24, 0.00
HSL	337°, 100%, 80%
HSV	337°, 39%, 100%
XYZ	62.5870, 48.5529, 56.5250
YIQ	189.2320, 47.4020, 33.0180

Conversions

Conversions Part 2

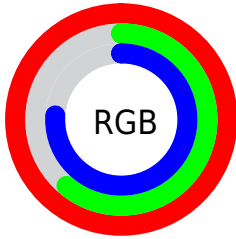
Format	Color
R_{YB}	255, 155, 193
Decimal	16751553
CIE _{Lab}	75.17, 42.01, -3.55
CIE _{LCh}	75, 42.161, 355.175
Yxy	48.5529, 0.3733, 0.2896
Android (android.graphics.Color)	4294941633 (0xFFFF9BC1)
YUV	189.2320, 1.8576, 57.6785
Hunter-Lab	69.6799, 38.3901, 0.6793

Details

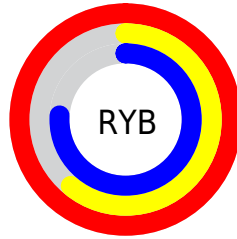
The XYZ color **62.5870, 48.5529, 56.5250** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8039, 83.4992, 78.5089**, and the grayscale version is **48.4744, 50.9988, 55.5377**.

A 20% lighter version of the original color is **81.6331, 74.6881, 99.7362**, and **32.2499, 23.1320, 27.5761** is the 20% darker color. If you saturate the color by 10%, you get **57.1119, 40.2762, 46.4584**, and if you desaturate by 10%, it is **69.1490, 58.7015, 67.8854**.

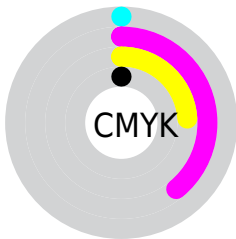
Distribution



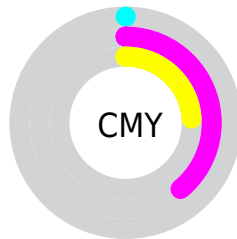
- Red (100%)
- Green (61%)
- Blue (76%)



- 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 62.5870, 48.5529, 56.5250 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 62.5870, 48.5529, 56.5250 by changing the saturation by 10% instead.


 62.5870, 48.5529,
56.5250


 62.5870, 48.5529,
56.5250


423.7526,
380.9795, 429.1108

 45.7646, 34.2649,
40.2172

 107.6586, 88.0270,
101.2652

 32.2639, 23.0972,
27.3928


 136.6385,
113.9820, 130.5347

 21.7197, 14.6653,
17.6334


170.4016,
144.5948, 164.9618

 13.7665, 8.5848,
10.5204

209.3133,
180.2498, 204.9651

 8.0391, 4.4714,
5.6353

253.7389,
221.3314, 250.9631

 4.1720, 1.9406,
2.5594

304.0437,

 1.7999, 0.5726,

268.2239, 303.3744

0.8714

360.5931,
321.3118, 362.6174

■ 0.5176, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5870, 48.5529,
56.5250

■ 62.5870, 48.5529,
56.5250

■ 57.1119, 40.2762,
46.4584

■ 69.1490, 58.7015,
67.8854

■ 52.6575, 33.7485,
37.6327

■ 76.8520, 70.8213,
80.5838

■ 49.1553, 28.8429,
29.9950

■ 85.7505, 85.0128,
94.6655

■ 46.5264, 25.4120,
23.4868

95.0500, 100.0000,
108.9000

■ 44.6779, 23.2810,
18.0427

■ 43.4728, 22.1880,
13.5805

■ 43.3927, 22.1211,
13.2657

Harmonies

Analogous

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



59.4462, 48.5529, 81.0686



62.5870, 48.5529, 56.5250



60.9376, 48.5529, 36.7569

Triad

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



62.5870, 48.5529, 56.5250



40.1138, 48.5529, 22.9572



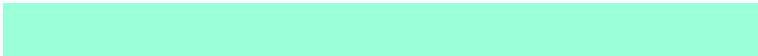
38.1751, 48.5529, 96.0378

Complementary

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



62.5870, 48.5529, 56.5250



61.8039, 83.4992, 78.5089

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.



33.9689, 48.5529, 73.1039



62.5870, 48.5529, 56.5250



34.9976, 48.5529, 32.1046

Square

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



62.5870, 48.5529, 56.5250



47.4087, 48.5529, 20.7980



32.8736, 48.5529, 49.3681



44.9100, 48.5529, 107.5905

Rectangle

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



62.5870, 48.5529, 56.5250



57.4304, 48.5529, 28.0708



32.8736, 48.5529, 49.3681



36.4495, 48.5529, 89.1398

Sweetspot

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



62.5881, 48.5551, 56.5260



83.1475, 80.8443, 90.5997



58.2894, 45.3659, 100.2920



17.5429, 16.8980, 18.9922



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.



62.5881, 48.5551, 56.5260



58.2336, 41.9533, 48.5777



60.9157, 51.1443, 37.6744



18.2949, 18.1013, 20.1702



22.7404, 11.5855, 7.2837



2.2653, 1.1485, 0.9787

Inverse Universe

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



62.5881, 48.5551, 56.5260



58.2336, 41.9533, 48.5777



63.7195, 78.4905, 106.3996



18.2949, 18.1013, 20.1702



22.7404, 11.5855, 7.2837



2.2653, 1.1485, 0.9787

Previews

White Background



This preview shows how the XYZ color 62.5870, 48.5529, 56.5250 looks on a white background.

Color Contrast Check

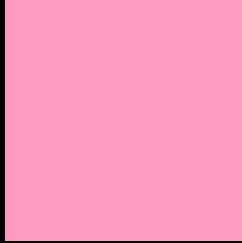
Large Text (above 18pt) WCAG AA × Fail

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 62.5870, 48.5529, 56.5250 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 62.5870, 48.5529, 56.5250

Background



This preview shows how black text looks on a background with the XYZ color 62.5870, 48.5529, 56.5250.



This preview shows how white text looks on a background with the XYZ color 62.5870, 48.5529,

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

62.5870, 48.5529, 56.5250

Protanopia

47.9544, 48.8079, 68.5214

Deuteranopia

49.8637, 48.8732, 54.9495



Tritanopia

60.2568, 48.6192, 44.7366

Trichromacy



Original Color

62.5870, 48.5529, 56.5250



Protanomaly

51.8551, 47.6567, 63.5923



Deuteranomaly

53.6760, 48.2157, 55.1927



Tritanomaly

61.2366, 48.7792, 48.8356

Monochromacy



Original Color

62.5870, 48.5529, 56.5250



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.4570, 49.3081, 55.4678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5870, 48.5529, 56.5250 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, 155, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 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, 155, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.5870, 48.5529, 56.5250 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, 155, 193) }
```


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

```
.border{ border-color:rgb(255, 155, 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, 155, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5870, 48.5529, 56.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 193) }
```

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

```
.background{ background-color: rgb(255,  
155, 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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