

Converting Colors

XYZ(62.8636, 48.9198, 57.1916)

Have a look what the booklet for
XYZ(62.8636, 48.9198, 57.1916)
contains.

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Color

**XYZ(62.8661, 48.9320,
57.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CC2
RGB	255, 156, 194
RGB Percent	100%, 61%, 76%
CMY	0.0000, 0.3882, 0.2392
CMYK	0.00, 0.39, 0.24, 0.00
HSL	337°, 100%, 81%
HSV	337°, 39%, 100%
XYZ	62.8661, 48.9320, 57.1703
YIQ	189.9330, 46.8060, 32.8060

Conversions

Conversions Part 2

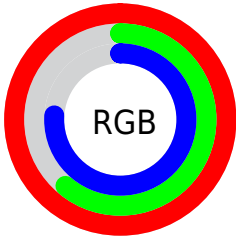
Format	Color
R_{YB}	255, 156, 194
Decimal	16751810
CIE _{Lab}	75.41, 41.64, -3.75
CIE _{LCh}	75, 41.806, 354.857
Yxy	48.9320, 0.3721, 0.2896
Android (android.graphics.Color)	4294941890 (0xFFFF9CC2)
YUV	189.9330, 2.0050, 57.0638
Hunter-Lab	69.9514, 38.0049, 0.5091

Details

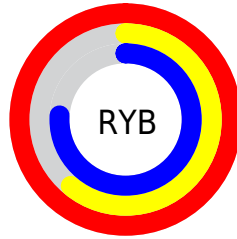
The XYZ color **62.8661, 48.9320, 57.1703** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.9967, 83.5986, 78.5181**, and the grayscale version is **48.8762, 51.4215, 55.9980**.

A 20% lighter version of the original color is **82.0388, 75.2491, 100.6431**, and **32.3488, 23.3297, 27.6091** is the 20% darker color. If you saturate the color by 10%, you get **57.3550, 40.5863, 47.0822**, and if you desaturate by 10%, it is **69.4643, 59.1530, 68.5425**.

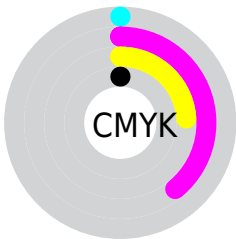
Distribution



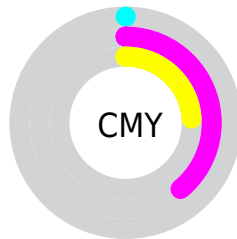
- Red (100%)
- Green (61%)
- Blue (76%)



- 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 62.8661, 48.9320, 57.1703 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 62.8661, 48.9320, 57.1703 by changing the saturation by 10% instead.


 62.8661, 48.9320,
57.1703


 62.8661, 48.9320,
57.1703

424.7508,
382.4746, 431.5987

 45.9911, 34.5655,
40.7317

 108.0592, 88.5905,
102.2164

 32.4434, 23.3284,
27.7914


 137.1081,
114.6512, 131.6611

 21.8576, 14.8362,
17.9308


170.9456,
145.3789, 166.2781

 13.8683, 8.7045,
10.7314

209.9371,
181.1579, 206.4861

 8.1102, 4.5489,
5.7746

254.4481,
222.3725, 252.7037

 4.2180, 1.9851,
2.6420

304.8438,

 1.8262, 0.5988,

269.4073, 305.3493

0.9140

361.4895,
322.6465, 364.8414

■ 0.5334, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8661, 48.9320,
57.1703

■ 62.8661, 48.9320,
57.1703

■ 57.3550, 40.5863,
47.0822

■ 69.4643, 59.1530,
68.5425

■ 52.8651, 33.9936,
38.2262

■ 77.2033, 71.3484,
81.2424

■ 49.3283, 29.0276,
30.5501

■ 86.1375, 85.6181,
95.3146

■ 46.6663, 25.5417,
23.9962

95.0500, 100.0000,
108.9000

■ 44.7871, 23.3626,
18.5005

■ 43.5595, 22.2400,
13.9834

■ 43.4385, 22.1394,
13.5072

Harmonies

Analogous

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



59.6948, 48.9320, 81.5999



62.8661, 48.9320, 57.1703



61.2759, 48.9320, 37.3697

Triad

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



62.8661, 48.9320, 57.1703



40.5588, 48.9320, 23.3247



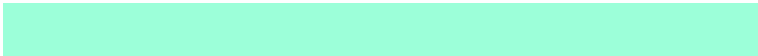
38.4967, 48.9320, 96.0124

Complementary

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



62.8661, 48.9320, 57.1703



61.9967, 83.5986, 78.5181

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.



34.3274, 48.9320, 73.1621



62.8661, 48.9320, 57.1703



35.4226, 48.9320, 32.4102

Square

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



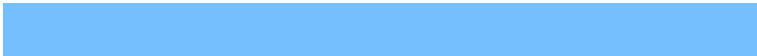
62.8661, 48.9320, 57.1703



47.8481, 48.9320, 21.2248



33.2670, 48.9320, 49.5677



45.1939, 48.9320, 107.6449

Rectangle

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



62.8661, 48.9320, 57.1703



57.8118, 48.9320, 28.6197



33.2670, 48.9320, 49.5677



36.7837, 48.9320, 89.1280

Sweetspot

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



62.8673, 48.9342, 57.1713



83.1646, 80.8511, 90.6896



58.0823, 45.5073, 100.3302



17.5469, 16.8996, 19.0133



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.



62.8673, 48.9342, 57.1713



58.2807, 41.9722, 48.8261



60.8604, 50.8988, 38.0722



18.2979, 18.1025, 20.1858



22.7648, 11.5952, 7.4119



2.2679, 1.1495, 0.9922

Inverse Universe

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



62.8673, 48.9342, 57.1713



58.2807, 41.9722, 48.8261



64.4444, 79.6543, 106.5860



18.2979, 18.1025, 20.1858



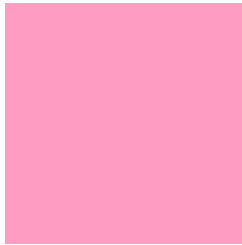
22.7648, 11.5952, 7.4119



2.2679, 1.1495, 0.9922

Previews

White Background



This preview shows how the XYZ color 62.8661, 48.9320, 57.1703 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 62.8661, 48.9320, 57.1703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

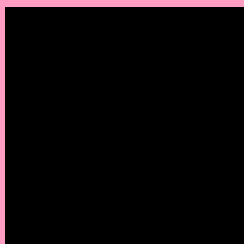
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8661, 48.9320, 57.1703

Background



This preview shows how black text looks on a background with the XYZ color 62.8661, 48.9320, 57.1703.



This preview shows how white text looks on a background with the XYZ color 62.8661, 48.9320,

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

62.8661, 48.9320, 57.1703

Protanopia

48.5240, 49.3965, 69.2643

Deuteranopia

49.9726, 48.9168, 55.5232



Tritanopia

60.5252, 49.0028, 45.2982

Trichromacy



Original Color

62.8661, 48.9320, 57.1703



Protanomaly

52.4500, 48.2352, 64.3035



Deuteranomaly

53.7857, 48.2596, 55.7704



Tritanomaly

61.5094, 49.1624, 49.4274

Monochromacy



Original Color

62.8661, 48.9320, 57.1703



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 62.8661, 48.9320, 57.1703 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 194) }
```

Border

The CSS property to change the border of an element to XYZ 62.8661, 48.9320, 57.1703 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, 194) }
```


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

```
.border{ border-color:rgb(255, 156, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8661, 48.9320, 57.1703 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
156, 194) }
```

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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