

Converting Colors

XYZ(62.9333, 48.1633, 59.9771)

Have a look what the booklet for
XYZ(62.9333, 48.1633, 59.9771)
contains.

XYZ(62.9400, 48.1660, 60.0125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.9400, 48.1660,
60.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C7
RGB	255, 153, 199
RGB Percent	100%, 60%, 78%
CMY	0.0000, 0.4000, 0.2196
CMYK	0.00, 0.40, 0.22, 0.00
HSL	333°, 100%, 80%
HSV	333°, 40%, 100%
XYZ	62.9400, 48.1660, 60.0125
YIQ	188.7420, 46.0260, 35.9300

Conversions

Conversions Part 2

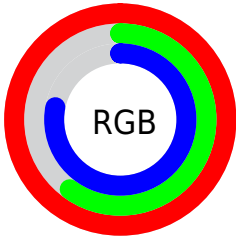
Format	Color
R _Y B	255, 153, 199
Decimal	16751047
CIE Lab	74.93, 43.87, -7.20
CIE LCh	75, 44.462, 350.674
Yxy	48.1660, 0.3678, 0.2815
Android (android.graphics.Color)	4294941127 (0xFFFF99C7)
YUV	188.7420, 5.0572, 58.1083
Hunter-Lab	69.4017, 40.4275, -2.6876

Details

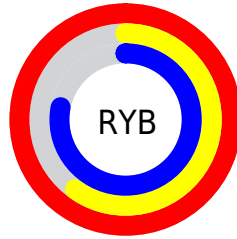
The XYZ color **62.9400, 48.1660, 60.0125** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.4075, 82.8967, 73.1422**, and the grayscale version is **48.1773, 50.6863, 55.1973**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **32.4330, 22.8944, 29.4977** is the 20% darker color. If you saturate the color by 10%, you get **57.6520, 40.0728, 50.5953**, and if you desaturate by 10%, it is **69.2718, 58.1070, 70.5166**.

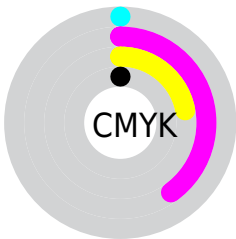
Distribution



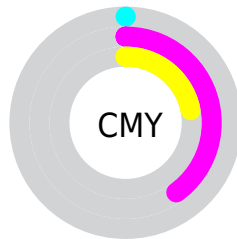
- Red (100%)
- Green (60%)
- Blue (78%)



- Red (100%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9400, 48.1660, 60.0125 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 62.9400, 48.1660, 60.0125 by changing the saturation by 10% instead.


 62.9400, 48.1660,
60.0125


 62.9400, 48.1660,
60.0125


425.0148,
379.4497, 442.4498

 46.0511, 33.9584,
43.0033

 108.1652, 87.4515,
106.3914

 32.4910, 22.8616,
29.5563


 137.2323,
113.2982, 136.5981

 21.8941, 14.4914,
19.2529


171.0895,
143.7933, 172.0412

 13.8953, 8.4632,
11.6745

210.1022,
179.3213, 213.1391

 8.1291, 4.3927,
6.4026

254.6357,
220.2665, 260.3104

 4.2302, 1.8956,
3.0187

305.0554,

 1.8332, 0.5457,

267.0134, 313.9735

1.1042

361.7267,
319.9464, 374.5472

■ 0.5375, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9400, 48.1660,
60.0125

■ 62.9400, 48.1660,
60.0125

■ 57.6520, 40.0728,
50.5953

■ 69.2718, 58.1070,
70.5166

■ 53.3427, 33.7043,
42.2220

■ 76.6999, 69.9951,
82.1426

■ 49.9452, 28.9333,
34.8501

■ 85.2773, 83.9305,
94.9270

■ 47.3819, 25.6114,
28.4321

95.0500, 100.0000,
108.9000

■ 45.5608, 23.5620,
22.9146

■ 44.3344, 22.4979,
18.2246

■ 44.3341, 22.4976,
18.2234

Harmonies

Analogous

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



58.9212, 48.1660, 86.1087



62.9400, 48.1660, 60.0125



61.9592, 48.1660, 38.2156

Triad

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



62.9400, 48.1660, 60.0125



40.4970, 48.1660, 20.7948



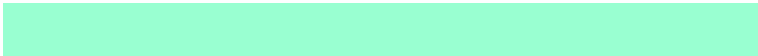
36.5995, 48.1660, 95.0876

Complementary

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



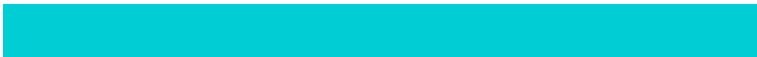
62.9400, 48.1660, 60.0125



60.4075, 82.8967, 73.1422

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.



32.6958, 48.1660, 69.8284



62.9400, 48.1660, 60.0125



34.7548, 48.1660, 28.9450

Square

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



62.9400, 48.1660, 60.0125



48.3517, 48.1660, 19.5864



32.0628, 48.1660, 45.5413



43.3018, 48.1660, 109.9476

Rectangle

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



62.9400, 48.1660, 60.0125



58.6426, 48.1660, 28.4069



32.0628, 48.1660, 45.5413



34.9514, 48.1660, 87.2335

Sweetspot

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



62.9412, 48.1682, 60.0134



83.4652, 80.9713, 92.2724



55.2872, 43.3282, 100.0570



17.6175, 16.9279, 19.3849



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.



62.9412, 48.1682, 60.0134



58.6281, 41.5478, 52.3917



58.9471, 47.4737, 36.1964



18.3499, 18.1233, 20.4597



23.2384, 11.7846, 9.9058



2.3168, 1.1691, 1.2497

Inverse Universe

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



62.9412, 48.1682, 60.0134



58.6281, 41.5478, 52.3917



65.8731, 83.3629, 107.2265



18.3499, 18.1233, 20.4597



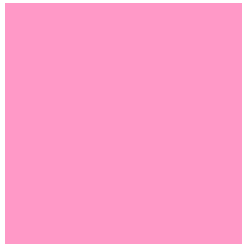
23.2384, 11.7846, 9.9058



2.3168, 1.1691, 1.2497

Previews

White Background



This preview shows how the XYZ color 62.9400, 48.1660, 60.0125 looks on a white background.

Color Contrast Check

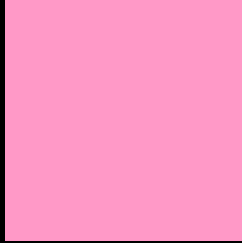
Large Text (above 18pt) WCAG AA × Fail

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 62.9400, 48.1660, 60.0125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

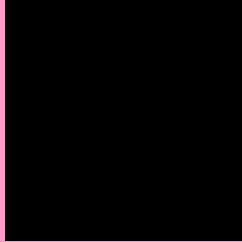
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9400, 48.1660, 60.0125

Background



This preview shows how black text looks on a background with the XYZ color 62.9400, 48.1660, 60.0125.



This preview shows how white text looks on a background with the XYZ color 62.9400, 48.1660,

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

62.9400, 48.1660, 60.0125

Protanopia

47.9485, 48.3939, 73.1435

Deuteranopia

49.1464, 48.1410, 57.7408



Tritanopia

59.6274, 48.0514, 44.1624

Trichromacy



Original Color

62.9400, 48.1660, 60.0125



Protanomaly

51.9640, 47.3300, 68.0248



Deuteranomaly

53.5519, 47.7950, 58.6274



Tritanomaly

60.7370, 47.9958, 49.7790

Monochromacy



Original Color

62.9400, 48.1660, 60.0125



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.5915, 49.0471, 57.1472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9400, 48.1660, 60.0125 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.9400, 48.1660, 60.0125 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, 199) }
```


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

```
.border{ border-color:rgb(255, 153, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9400, 48.1660, 60.0125 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
153, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor