

Converting Colors

XYZ(62.7378, 51.9315, 66.2082)

Have a look what the booklet for
XYZ(62.7378, 51.9315, 66.2082)
contains.

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Color

**XYZ(62.6960, 51.7924,
66.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A8D0
RGB	244, 168, 208
RGB Percent	96%, 66%, 82%
CMY	0.0431, 0.3412, 0.1843
CMYK	0.00, 0.31, 0.15, 0.04
HSL	328°, 78%, 81%
HSV	328°, 31%, 96%
XYZ	62.6960, 51.7924, 66.3670
YIQ	195.2840, 32.4560, 28.5520

Conversions

Conversions Part 2

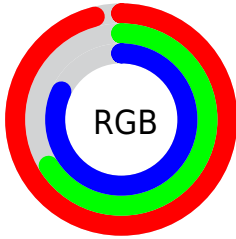
Format	Color
R_{YB}	244, 168, 208
Decimal	16034000
CIE Lab	77.16, 33.71, -8.96
CIE LCh	77, 34.882, 345.116
Yxy	51.7924, 0.3467, 0.2864
Android (android.graphics.Color)	4294224080 (0xFFFF4A8D0)
YUV	195.2840, 6.2690, 42.7239
Hunter-Lab	71.9669, 29.5631, -4.2996

Details

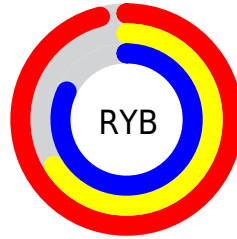
The XYZ color **62.6960, 51.7924, 66.3670** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4004, 77.3872, 68.9367**, and the grayscale version is **51.9926, 54.7002, 59.5686**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **32.4570, 25.1594, 33.7174** is the 20% darker color. If you saturate the color by 10%, you get **57.2364, 43.0662, 57.7849**, and if you desaturate by 10%, it is **69.1074, 62.2550, 75.7789**.

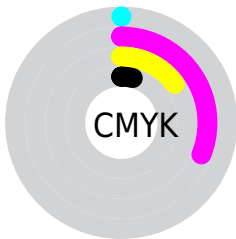
Distribution



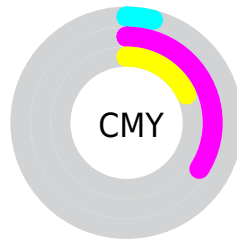
- Red (96%)
- Green (66%)
- Blue (82%)



- Red (96%)
- Yellow (66%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6960, 51.7924, 66.3670 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 62.6960, 51.7924, 66.3670 by changing the saturation by 10% instead.


 62.6960, 51.7924,
66.3670


 62.6960, 51.7924,
66.3670

424.1426,
393.6346, 466.1283

 45.8530, 36.8396,
48.1120

 107.8151, 92.8250,
115.6449

 32.3340, 25.0833,
33.5550


 136.8219,
119.6736, 147.5050

 21.7735, 16.1392,
22.2773


170.6141,
151.2563, 184.7371

 13.8063, 9.6227,
13.8606

209.5570,
187.9575, 227.7599

 8.0668, 5.1495,
7.8861

254.0159,
230.1615, 276.9919

 4.1899, 2.3353,
3.9354

304.3563,

 1.8101, 0.7923,

278.2528, 332.8516

1.5900

360.9434,
332.6157, 395.7575

■ 0.5238, 0.0000,
0.2837

■ 0.0000, 0.0000,
0.0000

■ 62.6960, 51.7924,
66.3670

■ 62.6960, 51.7924,
66.3670

■ 57.2364, 43.0662,
57.7849

■ 69.1074, 62.2550,
75.7789

■ 52.6745, 35.9738,
50.0020

■ 76.5119, 74.5352,
86.0431

■ 48.9576, 30.4124,
42.9902

■ 84.9537, 88.7175,
97.1851

■ 46.0250, 26.2648,
36.7176

■ 90.9957, 97.9241,
108.0691

■ 43.8075, 23.3964,
31.1491

■ 91.1185, 97.9732,
108.7160

■ 42.2225, 21.6459,
26.2447

■ 41.2321, 20.8027,
22.4076

Harmonies

Analogous

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



58.8881, 51.7924, 86.4975



62.6960, 51.7924, 66.3670



62.6802, 51.7924, 47.3441

Triad

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



62.6960, 51.7924, 66.3670



45.9568, 51.7924, 27.8396



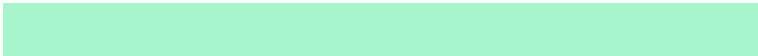
40.7175, 51.7924, 86.6376

Complementary

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



62.6960, 51.7924, 66.3670



59.4004, 77.3872, 68.9367

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.



37.8514, 51.7924, 66.5274



62.6960, 51.7924, 66.3670



40.6852, 51.7924, 34.2359

Square

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



62.6960, 51.7924, 66.3670



52.5965, 51.7924, 27.8155



37.8402, 51.7924, 47.4722



46.0048, 51.7924, 99.8768

Rectangle

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



62.6960, 51.7924, 66.3670



60.4847, 51.7924, 37.7883



37.8402, 51.7924, 47.4722



39.4610, 51.7924, 80.2787

Sweetspot

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



62.6975, 51.7948, 66.3681



86.4593, 85.5408, 97.6443



55.0898, 47.3017, 91.8152



18.2277, 17.8440, 20.5265



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.



62.6975, 51.7948, 66.3681



65.5947, 51.2960, 67.6162



58.6190, 50.1634, 44.8910



16.8635, 16.6283, 19.0279



22.4893, 11.3391, 12.5508



2.0285, 1.0174, 1.3766

Inverse Universe

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



62.6975, 51.7948, 66.3681



65.5947, 51.2960, 67.6162



64.4478, 79.4062, 95.5160



16.8635, 16.6283, 19.0279



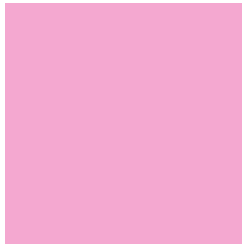
22.4893, 11.3391, 12.5508



2.0285, 1.0174, 1.3766

Previews

White Background



This preview shows how the XYZ color 62.6960, 51.7924, 66.3670 looks on a white background.

Color Contrast Check

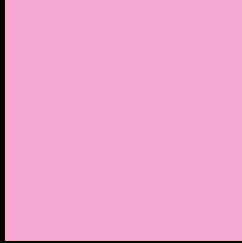
Large Text (above 18pt) WCAG AA × Fail

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 62.6960, 51.7924, 66.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

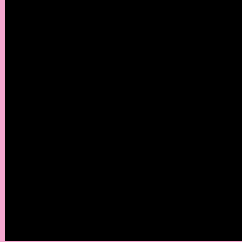
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6960, 51.7924, 66.3670

Background



This preview shows how black text looks on a background with the XYZ color 62.6960, 51.7924, 66.3670.



This preview shows how white text looks on a background with the XYZ color 62.6960, 51.7924,

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

62.6960, 51.7924, 66.3670

Protanopia

51.3900, 51.9834, 76.4325

Deuteranopia

52.9970, 51.8022, 64.9632



Tritanopia

59.7851, 51.7086, 52.7287

Trichromacy



Original Color

62.6960, 51.7924, 66.3670



Protanomaly

54.5019, 51.1793, 72.6517



Deuteranomaly

56.1741, 51.6019, 65.3920



Tritanomaly

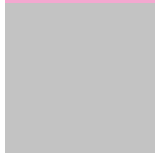
60.8065, 51.8533, 57.2559

Monochromacy



Original Color

62.6960, 51.7924, 66.3670



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.2149, 53.0142, 61.9662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6960, 51.7924, 66.3670 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(244, 168, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 168, 208)  
}
```

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(244, 168, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 168, 208) }
```

Border

The CSS property to change the border of an element to XYZ 62.6960, 51.7924, 66.3670 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(244, 168, 208) }
```


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

```
.border{ border-color:rgb(244, 168, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(244, 168, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 168, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 168, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 168,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6960, 51.7924, 66.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 168, 208) }
```

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

```
.background{ background-color: rgb(244,  
168, 208) }
```

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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