

Converting Colors

XYZ(62.9502, 49.4647, 57.8596)

Have a look what the booklet for
XYZ(62.9502, 49.4647, 57.8596)
contains.

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Color

**XYZ(62.9502, 49.4647,
57.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9EC3
RGB	254, 158, 195
RGB Percent	100%, 62%, 76%
CMY	0.0039, 0.3804, 0.2353
CMYK	0.00, 0.38, 0.23, 0.00
HSL	337°, 98%, 81%
HSV	337°, 38%, 100%
XYZ	62.9502, 49.4647, 57.8596
YIQ	190.9220, 45.3390, 31.8590

Conversions

Conversions Part 2

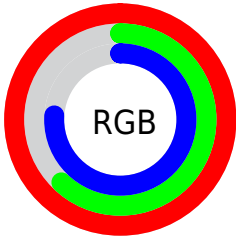
Format	Color
R_{YB}	254, 158, 195
Decimal	16686787
CIE _{Lab}	75.74, 40.41, -3.82
CIE _{LCh}	76, 40.587, 354.595
Yxy	49.4647, 0.3697, 0.2905
Android (android.graphics.Color)	4294876867 (0xFFFE9EC3)
YUV	190.9220, 2.0105, 55.3194
Hunter-Lab	70.3311, 36.6877, 0.4555

Details

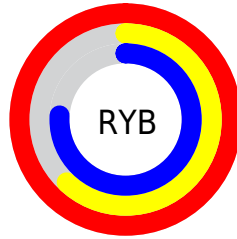
The XYZ color **62.9502, 49.4647, 57.8596** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.0689, 83.1637, 78.4305**, and the grayscale version is **49.4477, 52.0228, 56.6529**.

A 20% lighter version of the original color is **82.8573, 76.3814, 102.4715**, and **32.3650, 23.6283, 28.0542** is the 20% darker color. If you saturate the color by 10%, you get **57.3831, 41.0089, 47.7459**, and if you desaturate by 10%, it is **69.6000, 59.7896, 69.2457**.

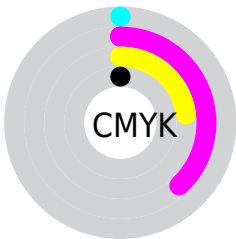
Distribution



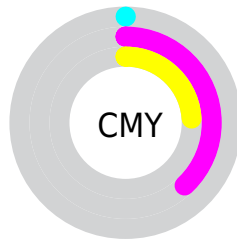
- Red (100%)
- Green (62%)
- Blue (76%)



- Red (100%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9502, 49.4647, 57.8596 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 62.9502, 49.4647, 57.8596 by changing the saturation by 10% instead.

 62.9502, 49.4647,
57.8596


 62.9502, 49.4647,
57.8596


425.0513,
384.5689, 434.2462

 46.0594, 34.9883,
41.2818

 108.1799, 89.3812,
103.2311

 32.4975, 23.6538,
28.2180


 137.2495,
115.5901, 132.8620

 21.8992, 15.0770,
18.2496


171.1094,
146.4786, 167.6809

 13.8990, 8.8735,
10.9580

210.1250,
182.4311, 208.1065

 8.1317, 4.6587,
5.9248

254.6616,
223.8320, 254.5573

 4.2319, 2.0485,
2.7314

305.0847,

 1.8341, 0.6354,

271.0656, 307.4518

0.9592

361.7594,
324.5165, 367.2086

■ 0.5381, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9502, 49.4647,
57.8596

■ 62.9502, 49.4647,
57.8596

■ 57.3831, 41.0089,
47.7459

■ 69.6000, 59.7896,
69.2457

■ 52.8333, 34.3017,
38.8535

■ 77.3844, 72.0803,
81.9468

■ 49.2344, 29.2198,
31.1315

■ 86.3571, 86.4352,
96.0066

■ 46.5101, 25.6200,
24.5236

94.6832, 99.8109,
108.8828

■ 44.5710, 23.3343,
18.9674

■ 43.2994, 22.1387,
14.3888

■ 43.0725, 21.9506,
13.4942

Harmonies

Analogous

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



59.8292, 49.4647, 81.6274



62.9502, 49.4647, 57.8596



61.4450, 49.4647, 38.3801

Triad

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



62.9502, 49.4647, 57.8596



41.2432, 49.4647, 24.2713



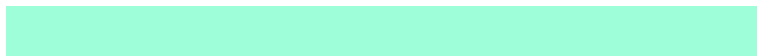
39.1162, 49.4647, 95.2130

Complementary

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



62.9502, 49.4647, 57.8596



62.0689, 83.1637, 78.4305

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.



35.0415, 49.4647, 73.0229



62.9502, 49.4647, 57.8596



36.1746, 49.4647, 33.2320

Square

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



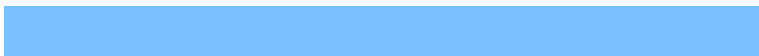
62.9502, 49.4647, 57.8596



48.3917, 49.4647, 22.2288



34.0247, 49.4647, 50.0465



45.6641, 49.4647, 106.5777

Rectangle

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



62.9502, 49.4647, 57.8596



58.0955, 49.4647, 29.6789



34.0247, 49.4647, 50.0465



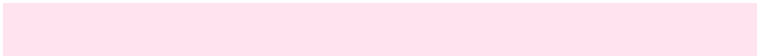
37.4409, 49.4647, 88.5269

Sweetspot

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



62.9516, 49.4671, 57.8606



84.0928, 82.3298, 92.1633



58.3191, 46.1503, 99.6003



17.7326, 17.1948, 19.3105



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.



62.9516, 49.4671, 57.8606



59.3560, 43.5699, 50.8891



60.9753, 51.3997, 39.0581



18.2991, 18.1030, 20.1922



22.7749, 11.5992, 7.4650



2.2690, 1.1500, 0.9978

Inverse Universe

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



62.9516, 49.4671, 57.8606



59.3560, 43.5699, 50.8891



64.4628, 79.3685, 105.6883



18.2991, 18.1030, 20.1922



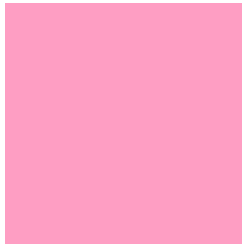
22.7749, 11.5992, 7.4650



2.2690, 1.1500, 0.9978

Previews

White Background



This preview shows how the XYZ color 62.9502, 49.4647, 57.8596 looks on a white background.

Color Contrast Check

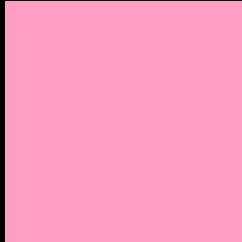
Large Text (above 18pt) WCAG AA × Fail

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 62.9502, 49.4647, 57.8596 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 62.9502, 49.4647, 57.8596

Background



This preview shows how black text looks on a background with the XYZ color 62.9502, 49.4647, 57.8596.



This preview shows how white text looks on a background with the XYZ color 62.9502, 49.4647,

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

62.9502, 49.4647, 57.8596

Protanopia

48.9710, 49.9386, 69.3454

Deuteranopia

50.5564, 49.5058, 56.1812



Tritanopia

60.7052, 49.5921, 46.4171

Trichromacy



Original Color

62.9502, 49.4647, 57.8596



Protanomaly

52.9604, 49.0622, 65.0712



Deuteranomaly

54.5822, 49.2225, 56.4933



Tritanomaly

61.6964, 49.7498, 50.6069

Monochromacy



Original Color

62.9502, 49.4647, 57.8596



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.3661, 50.3421, 56.7735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9502, 49.4647, 57.8596 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(254, 158, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 195)  
}
```

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(254, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 195) }
```

Border

The CSS property to change the border of an element to XYZ 62.9502, 49.4647, 57.8596 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(254, 158, 195) }
```


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

```
.border{ border-color:rgb(254, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9502, 49.4647, 57.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 195) }
```

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

```
.background{ background-color: rgb(254,  
158, 195) }
```

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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