

Converting Colors

XYZ(61.8068, 49.8115, 63.4838)

Have a look what the booklet for
XYZ(61.8068, 49.8115, 63.4838)
contains.

XYZ(61.8254, 49.7931, 63.4792)	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(61.8254, 49.7931,
63.4792)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A2CC
RGB	246, 162, 204
RGB Percent	96%, 64%, 80%
CMY	0.0353, 0.3647, 0.2000
CMYK	0.00, 0.34, 0.17, 0.04
HSL	330°, 82%, 80%
HSV	330°, 34%, 96%
XYZ	61.8254, 49.7931, 63.4792
YIQ	191.9040, 36.5820, 30.8700

Conversions

Conversions Part 2

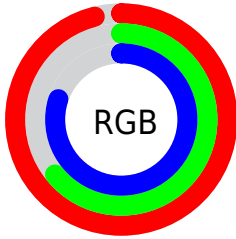
Format	Color
R _Y B	246, 162, 204
Decimal	16163532
CIE Lab	75.94, 36.92, -8.56
CIE LCh	76, 37.901, 346.951
Yxy	49.7931, 0.3531, 0.2844
Android (android.graphics.Color)	4294353612 (0xFFF6A2CC)
YUV	191.9040, 5.9633, 47.4422
Hunter-Lab	70.5642, 32.9068, -3.9420

Details

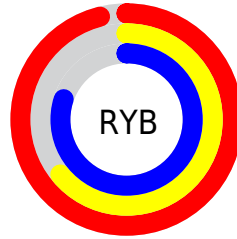
The XYZ color **61.8254, 49.7931, 63.4792** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7572, 77.9538, 69.0801**, and the grayscale version is **49.9995, 52.6034, 57.2851**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **31.7127, 23.8307, 31.7825** is the 20% darker color. If you saturate the color by 10%, you get **56.4910, 41.3924, 54.7074**, and if you desaturate by 10%, it is **68.1268, 59.9402, 73.1494**.

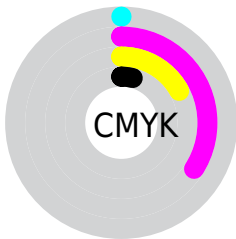
Distribution



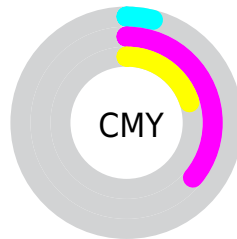
- Red (96%)
- Green (64%)
- Blue (80%)



- Red (96%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8254, 49.7931, 63.4792 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 61.8254, 49.7931, 63.4792 by changing the saturation by 10% instead.


 61.8254, 49.7931,
63.4792


 61.8254, 49.7931,
63.4792


421.0216,
385.8563, 455.4622

 45.1467, 35.2490,
45.7855

 106.5645, 89.8682,
111.4528

 31.7748, 23.8548,
31.7291


 135.3556,
116.1681, 142.5698

 21.3442, 15.2259,
20.8916


168.9149,
147.1554, 178.9983

 13.4897, 8.9781,
12.8543

207.6078,
183.2144, 221.1568

 7.8460, 4.7269,
7.1988

251.7995,
224.7296, 269.4639

 4.0475, 2.0879,
3.5064

301.8555,

 1.7291, 0.6578,

272.0854, 324.3382

1.3587

358.1411,
325.6662, 386.1981

■ 0.4743, 0.0000,
0.1091

■ 0.0000, 0.0000,
0.0000

■ 61.8254, 49.7931,
63.4792

■ 61.8254, 49.7931,
63.4792

■ 56.4910, 41.3924,
54.7074

■ 68.1268, 59.9402,
73.1494

■ 52.0669, 34.6308,
46.8002

■ 75.4392, 71.9189,
83.7437

■ 48.4971, 29.3999,
39.7258

■ 83.8087, 85.8174,
95.2905

■ 45.7169, 25.5752,
33.4485

■ 91.5284, 98.2178,
107.2327

■ 43.6519, 23.0123,
27.9285

■ 91.8163, 98.3329,
108.7487

■ 42.2113, 21.5350,
23.1203

■ 41.5810, 21.0228,
20.6030

Harmonies

Analogous

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



57.9592, 49.7931, 85.3304



61.8254, 49.7931, 63.4792



61.5399, 49.7931, 43.6504

Triad

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



61.8254, 49.7931, 63.4792



43.4774, 49.7931, 24.8767



38.6497, 49.7931, 87.8886

Complementary

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



61.8254, 49.7931, 63.4792



58.7572, 77.9538, 69.0801

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.



35.4902, 49.7931, 66.3626



61.8254, 49.7931, 63.4792



38.0814, 49.7931, 31.7672

Square

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



61.8254, 49.7931, 63.4792



50.4594, 49.7931, 24.4712



35.2931, 49.7931, 45.9013



44.3267, 49.7931, 101.6087

Rectangle

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



61.8254, 49.7931, 63.4792



59.0286, 49.7931, 34.0384



35.2931, 49.7931, 45.9013



37.2837, 49.7931, 81.1136

Sweetspot

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



61.8268, 49.7954, 63.4802



85.4624, 84.0015, 95.9104



54.4588, 45.3345, 93.0694



18.0244, 17.5355, 20.1562



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.



61.8268, 49.7954, 63.4802



62.9647, 47.5151, 62.1792



57.4498, 48.0446, 40.4308



16.8447, 16.6207, 18.9287



22.2650, 11.2495, 11.3700



2.0087, 1.0095, 1.2724

Inverse Universe

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



61.8268, 49.7954, 63.4802



62.9647, 47.5151, 62.1792



64.4921, 80.2478, 99.2796



16.8447, 16.6207, 18.9287



22.2650, 11.2495, 11.3700



2.0087, 1.0095, 1.2724

Previews

White Background



This preview shows how the XYZ color 61.8254, 49.7931, 63.4792 looks on a white background.

Color Contrast Check

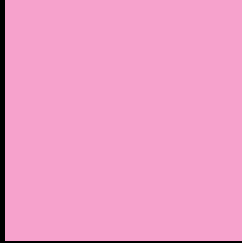
Large Text (above 18pt) WCAG AA × Fail

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 61.8254, 49.7931, 63.4792 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 61.8254, 49.7931, 63.4792

Background



This preview shows how black text looks on a background with the XYZ color 61.8254, 49.7931, 63.4792.



This preview shows how white text looks on a background with the XYZ color 61.8254, 49.7931,

63.4792.

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

61.8254, 49.7931, 63.4792

Protanopia

49.4011, 50.0560, 74.0759

Deuteranopia

50.9727, 49.9054, 61.5897



Tritanopia

58.7350, 49.5818, 49.1224

Trichromacy



Original Color

61.8254, 49.7931, 63.4792



Protanomaly

53.0366, 49.2785, 70.3347



Deuteranomaly

54.4879, 49.6287, 61.9658



Tritanomaly

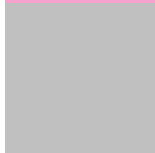
59.8405, 49.7742, 54.0304

Monochromacy



Original Color

61.8254, 49.7931, 63.4792



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.6391, 51.0303, 59.2473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8254, 49.7931, 63.4792 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(246, 162, 204)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 204)  
}
```

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(246, 162, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.8254, 49.7931, 63.4792 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(246, 162, 204) }
```


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

```
.border{ border-color:rgb(246, 162, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 162, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 162, 204); box-shadow:4px 4px 4px 4px rgb(246, 162, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8254, 49.7931, 63.4792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 204) }
```

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

```
.background{ background-color: rgb(246,  
162, 204) }
```

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