

Converting Colors

XYZ(63.0884, 49.8534, 55.7742)

Have a look what the booklet for
XYZ(63.0884, 49.8534, 55.7742)
contains.

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Color

**XYZ(63.0421, 49.8179,
55.5833)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FBF
RGB	255, 159, 191
RGB Percent	100%, 62%, 75%
CMY	0.0000, 0.3764, 0.2510
CMYK	0.00, 0.38, 0.25, 0.00
HSL	340°, 100%, 81%
HSV	340°, 38%, 100%
XYZ	63.0421, 49.8179, 55.5833
YIQ	191.3520, 46.9440, 30.3040

Conversions

Conversions Part 2

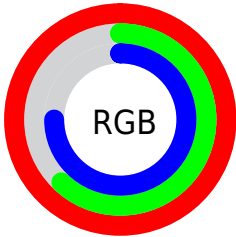
Format	Color
R _Y B	255, 159, 191
Decimal	16752575
CIE Lab	75.96, 39.68, -1.30
CIE LCh	76, 39.701, 358.131
Yxy	49.8179, 0.3743, 0.2958
Android (android.graphics.Color)	4294942655 (0xFFFF9FBF)
YUV	191.3520, -0.1735, 55.8193
Hunter-Lab	70.5818, 35.9141, 2.7163

Details

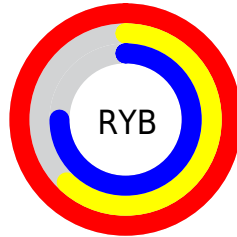
The XYZ color **63.0421, 49.8179, 55.5833** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.3795, 84.2196, 82.7317**, and the grayscale version is **49.7087, 52.2974, 56.9519**.

A 20% lighter version of the original color is **82.3289, 76.5763, 98.4372**, and **32.5064, 23.8788, 26.9405** is the 20% darker color. If you saturate the color by 10%, you get **57.3371, 41.2301, 44.9806**, and if you desaturate by 10%, it is **69.8713, 60.3060, 67.6333**.

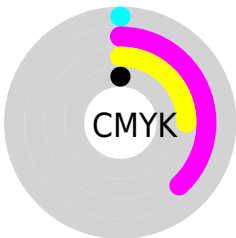
Distribution



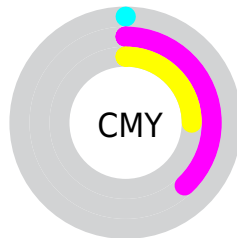
- Red (100%)
- Green (62%)
- Blue (75%)



- Red (100%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0421, 49.8179, 55.5833 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 63.0421, 49.8179, 55.5833 by changing the saturation by 10% instead.


 63.0421, 49.8179,
55.5833


 63.0421, 49.8179,
55.5833


425.3795,
385.9534, 425.4633

 46.1340, 35.2687,
39.4672


 108.3117, 89.9050,
99.8748

 32.5567, 23.8700,
26.8127


 137.4040,
116.2117, 128.8872

 21.9447, 15.2372,
17.2014


171.2884,
147.2064, 163.0354

 13.9326, 8.9860,
10.2147

210.3302,
183.2735, 202.7381

 8.1552, 4.7321,
5.4341

254.8949,
224.7974, 248.4137

 4.2471, 2.0909,
2.4410

305.3478,

 1.8428, 0.6595,

272.1623, 300.4807

0.8086

362.0542,
325.7529, 359.3577

■ 0.5433, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0421, 49.8179,
55.5833

■ 63.0421, 49.8179,
55.5833

■ 57.3371, 41.2301,
44.9806

■ 69.8713, 60.3060,
67.6333

■ 52.6890, 34.4208,
35.7647

■ 77.8792, 72.7929,
81.1819

■ 49.0291, 29.2647,
27.8748

■ 87.1212, 87.3783,
96.2813

■ 46.2784, 25.6169,
21.2434

95.0500, 100.0000,
108.9000

■ 44.3447, 23.3072,
15.7962

■ 43.1082, 22.1116,
11.4461

■ 42.8793, 21.9157,
10.5626

Harmonies

Analogous

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



60.4907, 49.8179, 78.7274



63.0421, 49.8179, 55.5833



61.0388, 49.8179, 37.2100

Triad

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



63.0421, 49.8179, 55.5833



40.9539, 49.8179, 25.6596



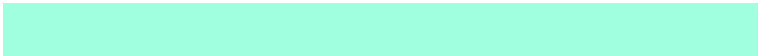
40.2285, 49.8179, 96.7298

Complementary

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



63.0421, 49.8179, 55.5833



63.3795, 84.2196, 82.7317

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.



35.8787, 49.8179, 75.8129



63.0421, 49.8179, 55.5833



36.2658, 49.8179, 35.4478

Square

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



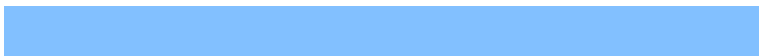
63.0421, 49.8179, 55.5833



47.8161, 49.8179, 22.8590



34.5059, 49.8179, 52.9249



46.8878, 49.8179, 106.0129

Rectangle

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



63.0421, 49.8179, 55.5833



57.4958, 49.8179, 29.2057



34.5059, 49.8179, 52.9249



38.4748, 49.8179, 90.5972

Sweetspot

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



63.0434, 49.8202, 55.5843



83.8792, 82.2443, 91.0386



60.8814, 47.7069, 100.6073



17.6819, 17.1745, 19.0435



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.



63.0434, 49.8202, 55.5843



58.7404, 43.3236, 47.6473



62.8297, 54.4256, 39.9976



18.2591, 18.0869, 19.9814



22.4669, 11.4761, 5.8432



2.2358, 1.1367, 0.8231

Inverse Universe

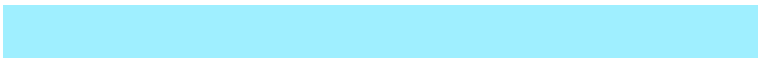
The Inverse Universe completely reimagines the original color for something new.



63.0434, 49.8202, 55.5843



58.7404, 43.3236, 47.6473



63.2162, 76.3253, 106.0081



18.2591, 18.0869, 19.9814



22.4669, 11.4761, 5.8432



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 63.0421, 49.8179, 55.5833 looks on a white background.

Color Contrast Check

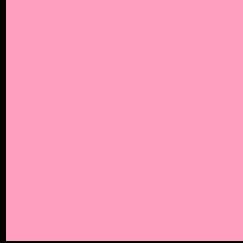
Large Text (above 18pt) WCAG AA × Fail

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 63.0421, 49.8179, 55.5833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

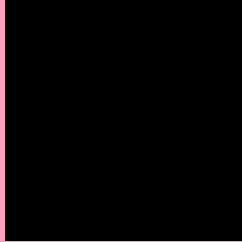
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0421, 49.8179, 55.5833

Background



This preview shows how black text looks on a background with the XYZ color 63.0421, 49.8179, 55.5833.



This preview shows how white text looks on a background with the XYZ color 63.0421, 49.8179,

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

63.0421, 49.8179, 55.5833

Protanopia

48.9517, 49.9862, 66.7428

Deuteranopia

51.1512, 50.1656, 54.0007



Tritanopia

61.0683, 49.7793, 46.4341

Trichromacy



Original Color

63.0421, 49.8179, 55.5833



Protanomaly

52.7643, 49.0166, 62.5573



Deuteranomaly

54.9536, 49.7502, 54.2833



Tritanomaly

61.8561, 49.8559, 49.5430

Monochromacy



Original Color

63.0421, 49.8179, 55.5833



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.2556, 50.2979, 56.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0421, 49.8179, 55.5833 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, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 191)  
}
```

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, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 191) }
```

Border

The CSS property to change the border of an element to XYZ 63.0421, 49.8179, 55.5833 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, 159, 191) }
```


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

```
.border{ border-color:rgb(255, 159, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 159, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0421, 49.8179, 55.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 191) }
```

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

```
.background{ background-color: rgb(255,  
159, 191) }
```

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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