

# Converting Colors

XYZ(62.3985, 50.3959, 49.6186)

Have a look what the booklet for  
XYZ(62.3985, 50.3959, 49.6186)  
contains.

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# Color

**XYZ(62.3985, 50.3959,  
49.6186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA2B4
RGB	255, 162, 180
RGB Percent	100%, 64%, 71%
CMY	0.0000, 0.3647, 0.2941
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.3985, 50.3959, 49.6186
YIQ	191.8590, 49.6500, 25.3140

# Conversions

## Conversions Part 2

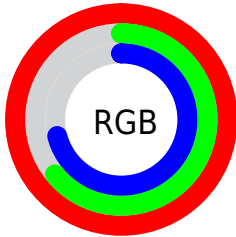
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 162, 180
Decimal	16753332
CIE Lab	76.31, 36.66, 5.25
CIE LCh	76, 37.038, 8.151
Yxy	50.3959, 0.3842, 0.3103
Android (android.graphics.Color)	4294943412 (0xFFFFA2B4)
YUV	191.8590, -5.8465, 55.3747
Hunter-Lab	70.9901, 32.6644, 8.2522

# Details

The XYZ color **62.3985, 50.3959, 49.6186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9485, 85.3168, 93.1169**, and the grayscale version is **50.0346, 52.6403, 57.3253**.

A 20% lighter version of the original color is **81.4517, 77.4589, 90.0150**, and **32.0644, 24.2053, 23.0608** is the 20% darker color. If you saturate the color by 10%, you get **56.4115, 41.5297, 38.0421**, and if you desaturate by 10%, it is **69.6097, 61.2126, 63.1379**.

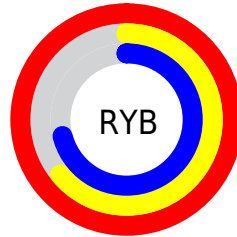
# Distribution



Red (100%)

Green (64%)

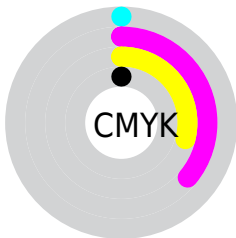
Blue (71%)



Red (100%)

Yellow (64%)

Blue (71%)

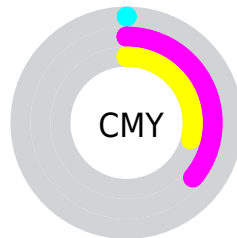


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3985, 50.3959, 49.6186 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 62.3985, 50.3959, 49.6186 by changing the saturation by 10% instead.





 62.3985, 50.3959,  
49.6186


 62.3985, 50.3959,  
49.6186


423.0776,  
388.2121, 401.8648

 45.6116, 35.7281,  
34.7414

 107.3880, 90.7612,  
91.0000

 32.1428, 24.2243,  
23.1818


 136.3212,  
117.2274, 118.3413

 21.6266, 15.5001,  
14.5212


170.0340,  
148.3953, 150.6743

 13.6979, 9.1711,  
8.3412

208.8916,  
184.6491, 188.4176

 7.9911, 4.8529,  
4.2231

253.2594,  
226.3733, 231.9898

 4.1410, 2.1612,  
1.7485

303.5028,

 1.7822, 0.6987,

273.9523, 281.8094

0.3937

359.9871,  
327.7704, 338.2949

■ 0.5069, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.3985, 50.3959,  
49.6186

■ 62.3985, 50.3959,  
49.6186

■ 56.4115, 41.5297,  
38.0421

■ 69.6097, 61.2126,  
63.1379

■ 51.5758, 34.4906,  
28.3152

■ 78.1047, 74.0793,  
78.6813

■ 47.8166, 29.1523,  
20.3412

■ 87.9439, 89.0971,  
96.3292

■ 45.0485, 25.3693,  
14.0131

95.0500, 100.0000,  
108.9000

■ 43.1723, 22.9715,  
9.2117

■ 42.0665, 21.7470,  
5.8001

■ 41.8017, 21.4847,  
4.8876

# Harmonies

## Analogous

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



61.4187, 50.3959, 70.4003



62.3985, 50.3959, 49.6186



59.2075, 50.3959, 34.4470

# Triad

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



62.3985, 50.3959, 49.6186



40.1029, 50.3959, 29.9238



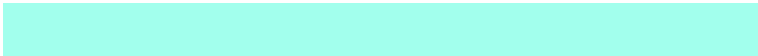
43.0920, 50.3959, 98.6623

# Complementary

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



62.3985, 50.3959, 49.6186



65.9485, 85.3168, 93.1169

# 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.



38.1321, 50.3959, 82.1018



62.3985, 50.3959, 49.6186



36.5262, 50.3959, 41.8145

# Square

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



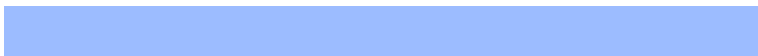
62.3985, 50.3959, 49.6186



46.0283, 50.3959, 25.0159



35.8413, 50.3959, 60.4849



49.8213, 50.3959, 102.2007



# Rectangle

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



62.3985, 50.3959, 49.6186



55.3107, 50.3959, 28.3405



35.8413, 50.3959, 60.4849



41.1823, 50.3959, 94.2696

# Sweetspot

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



62.3998, 50.3983, 49.6196



83.3146, 82.0185, 88.0656



65.6970, 50.9646, 100.9823



17.5481, 17.1210, 18.3389



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.



62.3998, 50.3983, 49.6196



57.7796, 43.5438, 40.7239



66.1550, 60.6545, 42.4062



18.1530, 18.0445, 19.4228



21.8828, 11.2424, 2.7675



2.1666, 1.1090, 0.4586



# Inverse Universe

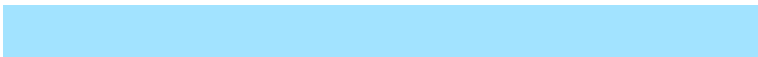
The Inverse Universe completely reimagines the original color for something new.



62.3998, 50.3983, 49.6196



57.7796, 43.5438, 40.7239



60.4486, 69.8960, 104.9130



18.1530, 18.0445, 19.4228



21.8828, 11.2424, 2.7675



2.1666, 1.1090, 0.4586



# Previews

## White Background



This preview shows how the XYZ color 62.3985, 50.3959, 49.6186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

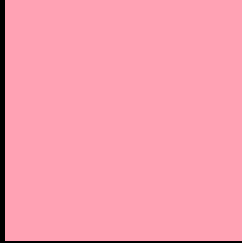
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.3985, 50.3959, 49.6186 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 62.3985, 50.3959, 49.6186**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.3985, 50.3959, 49.6186.



This preview shows how white text looks on a background with the XYZ color 62.3985, 50.3959,

49.6186.

# 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

62.3985, 50.3959, 49.6186

### Protanopia

49.0688, 50.8537, 58.8593

### Deuteranopia

51.4284, 50.4394, 48.0995



## Tritanopia

62.0751, 50.5495, 47.0428

# Trichromacy



## Original Color

62.3985, 50.3959, 49.6186



## Protanomaly

53.1459, 50.2540, 55.6141



## Deuteranomaly

54.9443, 50.1652, 48.3819



## Tritanomaly

62.2730, 50.6287, 48.0851

# Monochromacy



## Original Color

62.3985, 50.3959, 49.6186



## Achromatopsia

50.1023, 52.7115, 57.4028



## Achromatomaly

53.6253, 51.1257, 54.6188

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.3985, 50.3959, 49.6186 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, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 180)  
}
```

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, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 180) }
```

## Border

The CSS property to change the border of an element to XYZ 62.3985, 50.3959, 49.6186 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, 162, 180) }
```



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

```
.border{ border-color:rgb(255, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
180) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.3985, 50.3959, 49.6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 180) }
```

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

```
.background{ background-color: rgb(255,  
162, 180) }
```

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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