

# Converting Colors

XYZ(65.1761, 50.1996, 55.4348)

Have a look what the booklet for  
XYZ(65.1761, 50.1996, 55.4348)  
contains.

<b>XYZ(62.5324, 48.7985, 55.4135)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(62.5324, 48.7985,  
55.4135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9CBF
RGB	255, 156, 191
RGB Percent	100%, 61%, 75%
CMY	0.0000, 0.3882, 0.2510
CMYK	0.00, 0.39, 0.25, 0.00
HSL	339°, 100%, 81%
HSV	339°, 39%, 100%
XYZ	62.5324, 48.7985, 55.4135
YIQ	189.5910, 47.7690, 31.8730

# Conversions

## Conversions Part 2

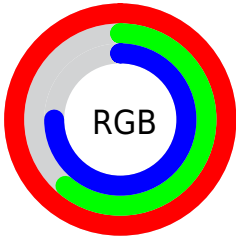
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 156, 191
Decimal	16751807
CIE Lab	75.33, 41.22, -2.22
CIE LCh	75, 41.284, 356.916
Yxy	48.7985, 0.3750, 0.2927
Android (android.graphics.Color)	4294941887 (0xFFFF9CBF)
YUV	189.5910, 0.6946, 57.3637
Hunter-Lab	69.8559, 37.5386, 1.8671

# Details

The XYZ color **62.5324, 48.7985, 55.4135** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3906, 83.7562, 80.5922**, and the grayscale version is **48.6865, 51.2220, 55.7808**.

A 20% lighter version of the original color is **81.5720, 75.0624, 98.1849**, and **32.2026, 23.2712, 26.8393** is the 20% darker color. If you saturate the color by 10%, you get **56.9805, 40.4365, 45.1102**, and if you desaturate by 10%, it is **69.1892, 59.0430, 67.0937**.

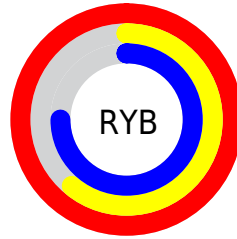
# Distribution



Red (100%)

Green (61%)

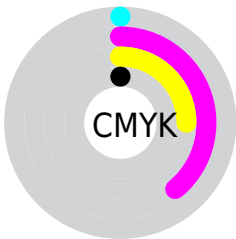
Blue (75%)



Red (100%)

Yellow (61%)

Blue (75%)

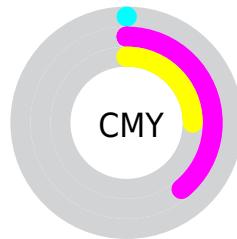


Cyan (0%)

Magenta (39%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (39%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5324, 48.7985, 55.4135 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 62.5324, 48.7985, 55.4135 by changing the saturation by 10% instead.





 62.5324, 48.7985,  
55.4135

 62.5324, 48.7985,  
55.4135


423.5571,  
381.9485, 424.8035

 45.7203, 34.4597,  
39.3320

 107.5802, 88.3921,  
99.6238

 32.2288, 23.2469,  
26.7083


 136.5466,  
114.4157, 128.5896

 21.6927, 14.7760,  
17.1238


170.2952,  
145.1029, 162.6874

 13.7466, 8.6623,  
10.1599

209.1912,  
180.8383, 202.3356

 8.0252, 4.5216,  
5.3981

253.6000,  
222.0061, 247.9528

 4.1630, 1.9694,  
2.4199

303.8871,

 1.7948, 0.5896,

268.9908, 299.9574

0.7972

360.4176,  
322.1768, 358.7682

■ 0.5145, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.5324, 48.7985,  
55.4135

■ 62.5324, 48.7985,  
55.4135

■ 56.9805, 40.4365,  
45.1102

■ 69.1892, 59.0430,  
67.0937

■ 52.4664, 33.8341,  
36.1266

■ 77.0052, 71.2692,  
80.1991

■ 48.9210, 28.8647,  
28.4051

■ 86.0358, 85.5774,  
94.7788

■ 46.2649, 25.3811,  
21.8822

95.0500, 100.0000,  
108.9000

■ 44.4047, 23.2097,  
16.4872

■ 43.2082, 22.0995,  
12.1335

■ 43.0916, 22.0006,  
11.6803

# Harmonies

## Analogous

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



59.7143, 48.7985, 79.3672



62.5324, 48.7985, 55.4135



60.6482, 48.7985, 36.3710

# Triad

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



62.5324, 48.7985, 55.4135



40.0842, 48.7985, 23.9012



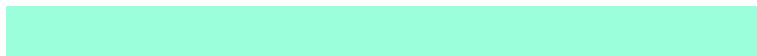
38.8631, 48.7985, 96.4059

# Complementary

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



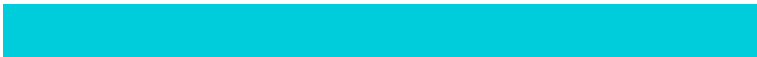
62.5324, 48.7985, 55.4135



62.3906, 83.7562, 80.5922

# 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.



34.5484, 48.7985, 74.3865



62.5324, 48.7985, 55.4135



35.1976, 48.7985, 33.4293

# Square

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



62.5324, 48.7985, 55.4135



47.1710, 48.7985, 21.3735



33.2826, 48.7985, 50.9165



45.6009, 48.7985, 106.7446



# Rectangle

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



62.5324, 48.7985, 55.4135



57.0805, 48.7985, 28.0817



33.2826, 48.7985, 50.9165



37.1107, 48.7985, 89.8747

# Sweetspot

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



62.5337, 48.8008, 55.4145



83.0301, 80.7973, 89.9812



59.0635, 46.0131, 100.3762



17.5154, 16.8870, 18.8472



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.



62.5337, 48.8008, 55.4145



57.9124, 41.8248, 46.8866



61.4676, 52.1131, 38.2745



18.2746, 18.0931, 20.0630



22.5802, 11.5214, 6.4400



2.2482, 1.1416, 0.8883



# Inverse Universe

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



62.5337, 48.8008, 55.4145



57.9124, 41.8248, 46.8866



63.4545, 77.6744, 106.2560



18.2746, 18.0931, 20.0630



22.5802, 11.5214, 6.4400



2.2482, 1.1416, 0.8883



# Previews

## White Background



This preview shows how the XYZ color 62.5324, 48.7985, 55.4135 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

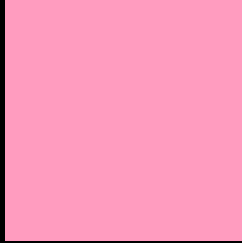
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.5324, 48.7985, 55.4135 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 62.5324, 48.7985, 55.4135**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.5324, 48.7985, 55.4135.



This preview shows how white text looks on a background with the XYZ color 62.5324, 48.7985,

55.4135.

# 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

62.5324, 48.7985, 55.4135

### Protanopia

48.2626, 49.3193, 66.6504

### Deuteranopia

49.9195, 48.9269, 53.8265



## Tritanopia

60.2568, 48.6192, 44.7366

# Trichromacy



## Original Color

62.5324, 48.7985, 55.4135



## Protanomaly

52.0912, 48.0917, 62.4142



## Deuteranomaly

53.7642, 48.2863, 54.0635



## Tritanomaly

61.1358, 48.7389, 48.3048

# Monochromacy



## Original Color

62.5324, 48.7985, 55.4135



## Achromatopsia

48.9429, 51.4918, 56.0745



## Achromatomaly

52.9462, 49.8546, 55.5475

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5324, 48.7985, 55.4135 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, 156, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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, 156, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5324, 48.7985, 55.4135 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, 156, 191) }
```



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

```
.border{ border-color:rgb(255, 156, 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, 156, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5324, 48.7985, 55.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 191) }
```

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

```
.background{ background-color: rgb(255,  
156, 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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