

# Converting Colors

XYZ(62.0881, 47.8252, 55.5261)

Have a look what the booklet for  
XYZ(62.0881, 47.8252, 55.5261)  
contains.

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# Color

**XYZ(62.0352, 47.8041,  
55.2477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF99BF
RGB	255, 153, 191
RGB Percent	100%, 60%, 75%
CMY	0.0000, 0.4000, 0.2510
CMYK	0.00, 0.40, 0.25, 0.00
HSL	338°, 100%, 80%
HSV	338°, 40%, 100%
XYZ	62.0352, 47.8041, 55.2477
YIQ	187.8300, 48.5940, 33.4420

# Conversions

## Conversions Part 2

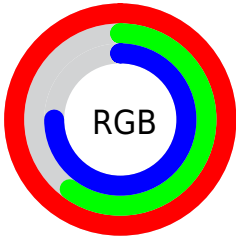
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 153, 191
Decimal	16751039
CIE <sub>Lab</sub>	74.70, 42.76, -3.14
CIE <sub>LCh</sub>	75, 42.875, 355.802
Yxy	47.8041, 0.3758, 0.2896
Android (android.graphics.Color)	4294941119 (0xFFFF99BF)
YUV	187.8300, 1.5628, 58.9081
Hunter-Lab	69.1405, 39.1603, 1.0218

# Details

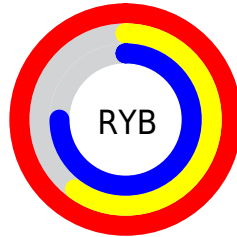
The XYZ color **62.0352, 47.8041, 55.2477** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.4233, 83.3030, 78.4914**, and the grayscale version is **47.6769, 50.1598, 54.6240**.

A 20% lighter version of the original color is **80.8290, 73.5763, 97.9372**, and **31.9096, 22.6851, 26.7416** is the 20% darker color. If you saturate the color by 10%, you get **56.6329, 39.6651, 45.2288**, and if you desaturate by 10%, it is **68.5241, 57.8079, 66.5791**.

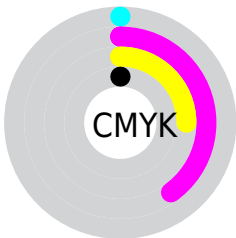
# Distribution



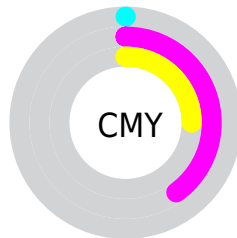
- Red (100%)
- Green (60%)
- Blue (75%)



- Red (100%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0352, 47.8041, 55.2477 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 62.0352, 47.8041, 55.2477 by changing the saturation by 10% instead.





 62.0352, 47.8041,  
55.2477


 62.0352, 47.8041,  
55.2477


421.7750,  
378.0151, 424.1586

 45.3169, 33.6718,  
39.2001

 106.8661, 86.9127,  
99.3786

 31.9094, 22.6416,  
26.6064


 135.7093,  
112.6577, 128.2989

 21.4475, 14.3291,  
17.0480


169.3248,  
143.0424, 162.3474

 13.5658, 8.3499,  
10.1064

208.0781,  
178.4512, 201.9423

 7.8990, 4.3196,  
5.3631

252.3343,  
219.2685, 247.5024

 4.0816, 1.8539,  
2.3994

302.4590,

 1.7484, 0.5205,

265.8786, 299.4461

0.7861

358.8174,  
318.6660, 358.1920

■ 0.4863, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.0352, 47.8041,  
55.2477

■ 62.0352, 47.8041,  
55.2477

■ 56.6329, 39.6651,  
45.2288

■ 68.5241, 57.8079,  
66.5791

■ 52.2500, 33.2673,  
36.4679

■ 76.1541, 69.7768,  
79.2684

■ 48.8173, 28.4821,  
28.9106

■ 84.9803, 83.8117,  
93.3624

■ 46.2547, 25.1605,  
22.4964

95.0500, 100.0000,  
108.9000

■ 44.4676, 23.1248,  
17.1578

■ 43.3054, 22.0863,  
12.8061

■ 43.3052, 22.0861,  
12.8051

# Harmonies

## Analogous

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



58.9560, 47.8041, 80.0118



62.0352, 47.8041, 55.2477



60.2674, 47.8041, 35.5511

# Triad

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



62.0352, 47.8041, 55.2477



39.2353, 47.8041, 22.2378



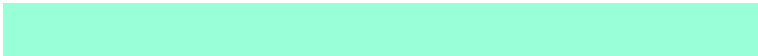
37.5416, 47.8041, 96.0977

# Complementary

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



62.0352, 47.8041, 55.2477



61.4233, 83.3030, 78.4914

# 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.



33.2630, 47.8041, 72.9976



62.0352, 47.8041, 55.2477



34.1597, 47.8041, 31.5053

# Square

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



62.0352, 47.8041, 55.2477



46.5394, 47.8041, 19.9639



32.0988, 47.8041, 48.9792



44.3509, 47.8041, 107.4873



# Rectangle

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



62.0352, 47.8041, 55.2477



56.6748, 47.8041, 26.9947



32.0988, 47.8041, 48.9792



35.7914, 47.8041, 89.1730

# Sweetspot

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



62.0364, 47.8063, 55.2486



83.1144, 80.8310, 90.4252



57.7325, 44.5888, 100.1714



17.5351, 16.8949, 18.9513



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.



62.0364, 47.8063, 55.2486



57.6284, 41.1480, 47.1277



60.4285, 50.4365, 36.6902



18.2892, 18.0990, 20.1400



22.6940, 11.5669, 7.0389



2.2604, 1.1465, 0.9526



# Inverse Universe

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



62.0364, 47.8063, 55.2486



57.6284, 41.1480, 47.1277



63.2689, 78.1545, 106.3584



18.2892, 18.0990, 20.1400



22.6940, 11.5669, 7.0389



2.2604, 1.1465, 0.9526



# Previews

## White Background



This preview shows how the XYZ color 62.0352, 47.8041, 55.2477 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

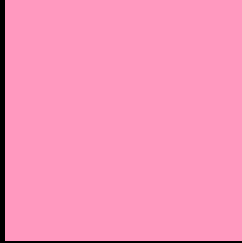
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.0352, 47.8041, 55.2477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

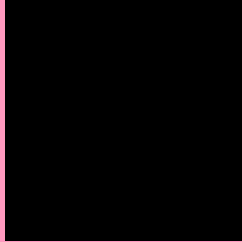
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 62.0352, 47.8041, 55.2477**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.0352, 47.8041, 55.2477.



This preview shows how white text looks on a background with the XYZ color 62.0352, 47.8041,

55.2477.

# 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

62.0352, 47.8041, 55.2477

### Protanopia

47.2645, 48.1737, 67.1290

### Deuteranopia

48.9774, 47.8462, 53.6676



## Tritanopia

59.7264, 47.8612, 43.6263

# Trichromacy



## Original Color

62.0352, 47.8041, 55.2477



## Protanomaly

51.1453, 47.0347, 62.2601



## Deuteranomaly

53.0839, 47.3789, 53.9242



## Tritanomaly

60.6973, 48.0221, 47.6651

# Monochromacy



## Original Color

62.0352, 47.8041, 55.2477



## Achromatopsia

47.7994, 50.2886, 54.7643



## Achromatomaly

51.6667, 48.3311, 54.7498

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0352, 47.8041, 55.2477 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, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0352, 47.8041, 55.2477 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, 153, 191) }
```



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

```
.border{ border-color:rgb(255, 153, 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, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.0352, 47.8041, 55.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 191) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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