

# Converting Colors

XYZ(62.6252, 57.4102, 79.0147)

Have a look what the booklet for  
XYZ(62.6252, 57.4102, 79.0147)  
contains.

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# Color

**XYZ(62.6252, 57.4102,  
79.0147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BCE1
RGB	225, 188, 225
RGB Percent	88%, 74%, 88%
CMY	0.1176, 0.2627, 0.1176
CMYK	0.00, 0.16, 0.00, 0.12
HSL	300°, 38%, 81%
HSV	300°, 16%, 88%
XYZ	62.6252, 57.4102, 79.0147
YIQ	203.2810, 10.1750, 19.3510

# Conversions

## Conversions Part 2

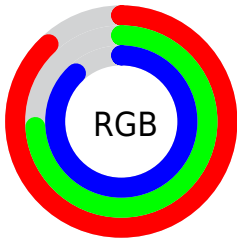
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 188, 225
Decimal	14793953
CIE Lab	80.41, 19.53, -13.50
CIE LCh	80, 23.739, 325.333
Yxy	57.4102, 0.3146, 0.2884
Android (android.graphics.Color)	4292984033 (0xFFE1BCE1)
YUV	203.2810, 10.7075, 19.0476
Hunter-Lab	75.7695, 14.9376, -8.7907

# Details

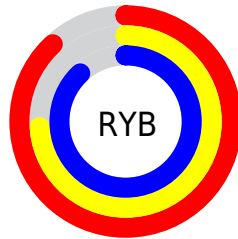
The XYZ color **62.6252, 57.4102, 79.0147** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.7436, 68.1744, 57.7484**, and the grayscale version is **56.8730, 59.8349, 65.1602**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **32.2819, 28.6652, 41.8617** is the 20% darker color. If you saturate the color by 10%, you get **58.1890, 48.5368, 77.5364**, and if you desaturate by 10%, it is **67.8142, 67.7872, 80.7453**.

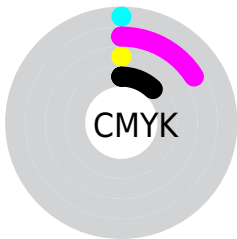
# Distribution



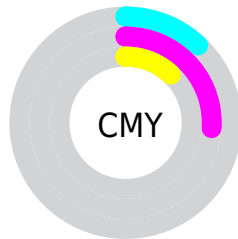
- Red (88%)
- Green (74%)
- Blue (88%)



- Red (88%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (26%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6252, 57.4102, 79.0147 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 62.6252, 57.4102, 79.0147 by changing the saturation by 10% instead.



62.6252, 57.4102,  
79.0147

62.6252, 57.4102,  
79.0147

423.8893,  
414.9846, 511.2250

45.7956, 41.3347,  
58.3865

107.7135,  
101.0635, 133.7784

32.2885, 28.5807,  
41.7027

136.7028,  
129.4100, 168.7510

21.7385, 18.7638,  
28.5447

170.4761,  
162.6157, 209.3421

13.7804, 11.4998,  
18.4941

209.3987,  
201.0648, 255.9704

8.0488, 6.4040,  
11.1322

253.8360,  
245.1419, 309.0542

4.1783, 3.0923,  
6.0405

304.1533,

1.8035, 1.1801,

295.2313, 369.0123

2.8006

360.7159,  
351.7174, 436.2630

■ 0.5198, 0.0454,  
0.9937

■ 0.0000, 0.0000,  
0.0000

■ 62.6252, 57.4102,  
79.0147

■ 62.6252, 57.4102,  
79.0147

■ 58.1890, 48.5368,  
77.5364

■ 67.8142, 67.7872,  
80.7453

■ 54.4657, 41.0904,  
76.2950


■ 73.7832, 79.7250,  
82.7352


■ 51.4198, 34.9987,  
75.2795


■ 80.4028, 92.9642,  
84.9420


■ 49.0105, 30.1802,  
74.4762


■ 80.4028, 92.9642,  
84.9422


 47.1928, 26.5448,  
73.8700


 80.4029, 92.9642,  
84.9425


 45.9156, 23.9906,  
73.4440


 80.4029, 92.9643,  
84.9428


 45.1194, 22.3982,  
73.1784

 80.4030, 92.9643,  
84.9430

 44.7291, 21.6177,  
73.0480

 80.4030, 92.9643,  
84.9433

 44.6422, 21.4440,  
73.0190

 80.4031, 92.9643,  
84.9435

# Harmonies

## Analogous

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



58.6667, 57.4102, 89.9758



62.6252, 57.4102, 79.0147



64.4280, 57.4102, 64.7143

# Triad

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



62.6252, 57.4102, 79.0147



55.3310, 57.4102, 39.4358



46.5433, 57.4102, 74.6843

# Complementary

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



62.6252, 57.4102, 79.0147



56.7436, 68.1744, 57.7484

# 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.



45.7667, 57.4102, 60.3563



62.6252, 57.4102, 79.0147



50.6623, 57.4102, 41.2934

# Square

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



62.6252, 57.4102, 79.0147



60.0606, 57.4102, 42.9683



47.2309, 57.4102, 48.4802



49.4185, 57.4102, 87.2265



# Rectangle

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



62.6252, 57.4102, 79.0147



64.0914, 57.4102, 55.6918



47.2309, 57.4102, 48.4802



46.0357, 57.4102, 69.8630

# Sweetspot

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



62.6269, 57.4127, 79.0159



91.1166, 92.1332, 107.5887



52.3154, 52.0969, 78.5338



19.3889, 19.4928, 22.9905



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.



62.6269, 57.4127, 79.0159



80.8827, 71.6657, 104.1769



60.2380, 56.4571, 66.4361



14.2951, 13.9357, 17.3241



25.7244, 12.3568, 42.0761



1.7831, 0.8565, 2.9165



# Inverse Universe

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



62.6269, 57.4127, 79.0159



80.8827, 71.6657, 104.1769



58.8678, 69.0241, 68.9340



14.2951, 13.9357, 17.3241



25.7244, 12.3568, 42.0761



1.7831, 0.8565, 2.9165



# Previews

## White Background



This preview shows how the XYZ color 62.6252, 57.4102, 79.0147 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

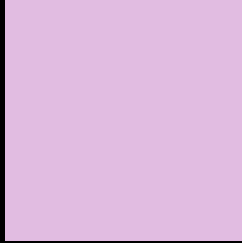
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.6252, 57.4102, 79.0147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

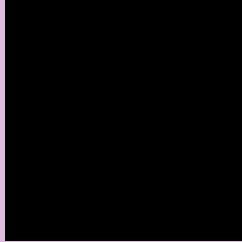
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 62.6252, 57.4102, 79.0147**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.6252, 57.4102, 79.0147.



This preview shows how white text looks on a background with the XYZ color 62.6252, 57.4102,



# 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

62.6252, 57.4102, 79.0147

### Protanopia

57.0077, 57.6837, 84.4734

### Deuteranopia

58.7588, 57.3753, 78.4986



## Tritanopia

59.8956, 57.2474, 66.2855

# Trichromacy



## Original Color

62.6252, 57.4102, 79.0147

## Protanomaly

58.6115, 57.2199, 82.0841

## Deuteranomaly

60.0357, 57.3772, 78.4317

## Tritanomaly

60.8551, 57.3190, 70.8070

# Monochromacy



## Original Color

62.6252, 57.4102, 79.0147

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

58.8159, 58.9402, 69.9047

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.6252, 57.4102, 79.0147 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(225, 188, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 188, 225)  
}
```

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(225, 188, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 62.6252, 57.4102, 79.0147 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(225, 188, 225) }
```



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

```
.border{ border-color:rgb(225, 188, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 188, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 188, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 188, 225); box-shadow:4px 4px 4px 4px rgb(225, 188, 225) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.6252, 57.4102, 79.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 188, 225) }
```

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

```
.background{ background-color: rgb(225,  
188, 225) }
```

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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