

# Converting Colors

XYZ(61.9568, 56.9411, 79.0545)

Have a look what the booklet for  
XYZ(61.9568, 56.9411, 79.0545)  
contains.

<b>XYZ(62.0053, 57.0907, 78.9857)</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(62.0053, 57.0907,  
78.9857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFBCE1
RGB	223, 188, 225
RGB Percent	87%, 74%, 88%
CMY	0.1255, 0.2627, 0.1176
CMYK	0.01, 0.16, 0.00, 0.12
HSL	297°, 38%, 81%
HSV	297°, 16%, 88%
XYZ	62.0053, 57.0907, 78.9857
YIQ	202.6830, 8.9830, 18.9270

# Conversions

## Conversions Part 2

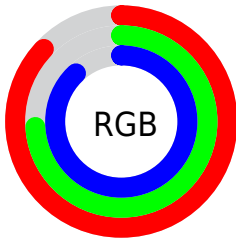
Format	Color
R <sub>Y</sub> B	223, 188, 225
Decimal	14662881
CIE Lab	80.23, 18.86, -13.79
CIE LCh	80, 23.361, 323.823
Yxy	57.0907, 0.3130, 0.2882
Android (android.graphics.Color)	4292852961 (0xFFDFBCE1)
YUV	202.6830, 11.0023, 17.8180
Hunter-Lab	75.5584, 14.2549, -9.0885

# Details

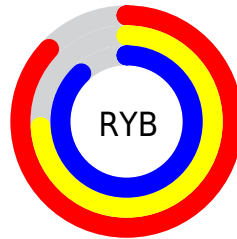
The XYZ color **62.0053, 57.0907, 78.9857** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.2395, 68.4298, 57.7713**, and the grayscale version is **56.4968, 59.4390, 64.7291**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **32.0681, 28.5551, 41.8517** is the 20% darker color. If you saturate the color by 10%, you get **57.1957, 48.0249, 77.4902**, and if you desaturate by 10%, it is **67.5703, 67.6615, 80.7336**.

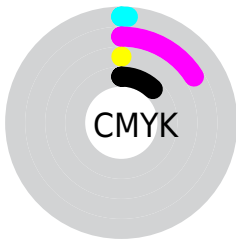
# Distribution



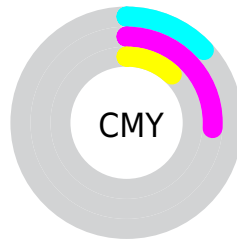
- Red (87%)
- Green (74%)
- Blue (88%)



- Red (87%)
- Yellow (74%)
- Blue (88%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (26%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0053, 57.0907, 78.9857 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 62.0053, 57.0907, 78.9857 by changing the saturation by 10% instead.



62.0053, 57.0907,  
78.9857

62.0053, 57.0907,  
78.9857

421.6677,  
413.7891, 511.1243

45.2926, 41.0781,  
58.3628

106.8231,  
100.5975, 133.7372

31.8902, 28.3801,  
41.6838

135.6589,  
128.8605, 168.7029

21.4328, 18.6124,  
28.5300

169.2664,  
161.9757, 209.2866

13.5550, 11.3905,  
18.4831

208.0110,  
200.3275, 255.9069

7.8914, 6.3302,  
11.1243

252.2581,  
244.3004, 308.9822

4.0768, 3.0469,  
6.0353

302.3730,

1.7457, 1.1562,

294.2787, 368.9312

2.7974

358.7211,  
350.6468, 436.1724

■ 0.4846, 0.0255,  
0.9922

■ 0.0000, 0.0000,  
0.0000

■ 62.0053, 57.0907,  
78.9857

■ 62.0053, 57.0907,  
78.9857

■ 57.1957, 48.0249,  
77.4902

■ 67.5703, 67.6615,  
80.7336

■ 53.1019, 40.3874,  
76.2317

■ 73.9179, 79.7945,  
82.7410

■ 49.6880, 34.1060,  
75.1992

■ 80.9189, 93.2303,  
84.9653

■ 46.9135, 29.0992,  
74.3791

■ 81.3031, 93.4283,  
84.9833

44.7331, 25.2769,  
73.7562

81.6900, 93.6278,  
85.0014

43.0960, 22.5370,  
73.3136

82.0796, 93.8286,  
85.0197

41.9425, 20.7605,  
73.0315

82.4719, 94.0309,  
85.0380

41.1976, 19.7971,  
72.8848

82.8669, 94.2345,  
85.0565

40.9852, 19.5586,  
72.8500

83.2647, 94.4396,  
85.0751

# Harmonies

## Analogous

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



58.0511, 57.0907, 89.4097



62.0053, 57.0907, 78.9857



63.8982, 57.0907, 65.0306

# Triad

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



62.0053, 57.0907, 78.9857



55.2556, 57.0907, 39.5405



46.3004, 57.0907, 73.3824

# Complementary

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



62.0053, 57.0907, 78.9857



57.2395, 68.4298, 57.7713

# 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.



45.6486, 57.0907, 59.3791



62.0053, 57.0907, 78.9857



50.6434, 57.0907, 41.1025

# Square

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



62.0053, 57.0907, 78.9857



59.8570, 57.0907, 43.2846



47.1936, 57.0907, 47.9149



49.0289, 57.0907, 85.8575



# Rectangle

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



62.0053, 57.0907, 78.9857



63.6618, 57.0907, 56.0973



47.1936, 57.0907, 47.9149



45.8381, 57.0907, 68.6489

# Sweetspot

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



62.0070, 57.0932, 78.9869



90.8635, 92.0027, 107.5770



52.8468, 53.1598, 78.7105



19.3272, 19.4609, 22.9876



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.



62.0070, 57.0932, 78.9869



79.8761, 71.1467, 104.1305



60.5409, 56.5783, 68.0317



14.2180, 13.8959, 17.3205



23.6500, 11.2873, 41.9805



1.6620, 0.7941, 2.9109



# Inverse Universe

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



58.3308, 55.6943, 56.3935



74.0656, 68.9388, 68.2783



58.5693, 68.9045, 67.3628



13.7371, 13.7125, 14.3858



17.9453, 9.2451, 1.1117



1.2546, 0.6451, 0.1336



# Previews

## White Background



This preview shows how the XYZ color 62.0053, 57.0907, 78.9857 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

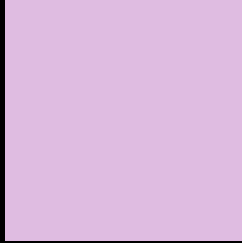
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.0053, 57.0907, 78.9857 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 62.0053, 57.0907, 78.9857**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.0053, 57.0907, 78.9857.



This preview shows how white text looks on a background with the XYZ color 62.0053, 57.0907,



# 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

62.0053, 57.0907, 78.9857

### Protanopia

56.6102, 57.4951, 83.7153

### Deuteranopia

58.4785, 57.2308, 78.4855



## Tritanopia

59.2866, 56.9335, 66.2570

# Trichromacy



## Original Color

62.0053, 57.0907, 78.9857

## Protanomaly

58.3365, 57.0781, 82.0712

## Deuteranomaly

59.7448, 57.2272, 78.4181

## Tritanomaly

60.2425, 57.0032, 70.7784

# Monochromacy



## Original Color

62.0053, 57.0907, 78.9857

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

58.5303, 58.7930, 69.8913

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0053, 57.0907, 78.9857 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(223, 188, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 188, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 188, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0053, 57.0907, 78.9857 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(223, 188, 225) }
```



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

```
.border{ border-color:rgb(223, 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(223, 188, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 188, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 188, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 188,  
225) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.0053, 57.0907, 78.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 188, 225) }
```

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

```
.background{ background-color: rgb(223,  
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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