

# Converting Colors

XYZ(62.8130, 61.8996, 75.2278)

Have a look what the booklet for  
XYZ(62.8130, 61.8996, 75.2278)  
contains.

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# Color

**XYZ(62.7550, 61.8953,  
74.9691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC9DA
RGB	219, 201, 218
RGB Percent	86%, 79%, 85%
CMY	0.1412, 0.2117, 0.1451
CMYK	0.00, 0.08, 0.00, 0.14
HSL	303°, 20%, 82%
HSV	303°, 8%, 86%
XYZ	62.7550, 61.8953, 74.9691
YIQ	208.3200, 5.2710, 9.1030

# Conversions

## Conversions Part 2

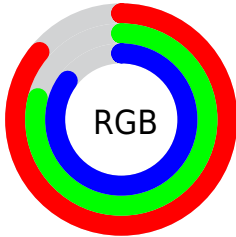
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 201, 218
Decimal	14404058
CIE Lab	82.86, 9.27, -6.16
CIE LCh	83, 11.134, 326.402
Yxy	61.8953, 0.3144, 0.3101
Android (android.graphics.Color)	4292594138 (0xFFDBC9DA)
YUV	208.3200, 4.7722, 9.3664
Hunter-Lab	78.6736, 4.7041, -1.4267

# Details

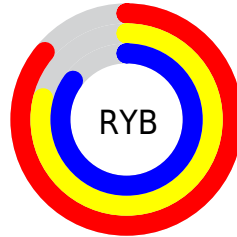
The XYZ color **62.7550, 61.8953, 74.9691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0820, 67.3466, 65.7130**, and the grayscale version is **60.1309, 63.2624, 68.8928**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3544, 31.4043, 39.0067** is the 20% darker color. If you saturate the color by 10%, you get **57.8513, 52.3411, 72.5522**, and if you desaturate by 10%, it is **68.3913, 72.9110, 77.6375**.

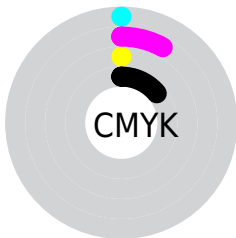
# Distribution



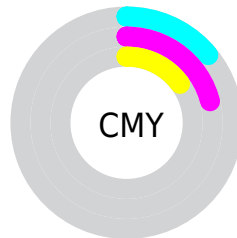
- Red (86%)
- Green (79%)
- Blue (85%)



- Red (86%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7550, 61.8953, 74.9691 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 62.7550, 61.8953, 74.9691 by changing the saturation by 10% instead.



62.7550, 61.8953,  
74.9691

62.7550, 61.8953,  
74.9691

424.3536,  
431.5491, 497.0639

45.9009, 44.9481,  
55.0860

107.8998,  
107.5742, 128.0153

32.3719, 31.4166,  
39.0715

136.9212,  
137.0747, 162.0155

21.8027, 20.9162,  
26.5071

170.7291,  
171.5284, 201.5585

13.8278, 13.0628,  
16.9742

209.6889,  
211.3197, 247.0628

8.0819, 7.4718,  
10.0544

254.1659,  
256.8331, 298.9469

4.1996, 3.7589,  
5.3289

304.5254,

1.8157, 1.5396,

308.4528, 357.6295

2.3794

361.1329,  
366.5633, 423.5290

■ 0.5271, 0.3164,  
0.7752

■ 0.0000, 0.0000,  
0.0000

■ 62.7550, 61.8953,  
74.9691

■ 62.7550, 61.8953,  
74.9691

■ 57.8513, 52.3411,  
72.5522

■ 68.3913, 72.9110,  
77.6375

■ 53.6443, 44.1791,  
70.3725

■ 74.7836, 85.4379,  
80.5629

■ 50.1027, 37.3463,  
68.4203

■ 78.1123, 91.8357,  
82.4730

■ 47.1913, 31.7718,  
66.6840

■ 78.2758, 91.9011,  
83.3337

44.8712, 27.3782,  
65.1505

78.4404, 91.9669,  
84.2007

43.0993, 24.0792,  
63.8054

78.6062, 92.0333,  
85.0739

41.8270, 21.7774,  
62.6326

78.7732, 92.1001,  
85.9534

40.9965, 20.3575,  
61.6127

78.9414, 92.1673,  
86.8391

40.5243, 19.6523,  
60.7179

79.1108, 92.2351,  
87.7311

# Harmonies

## Analogous

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



60.9042, 61.8953, 79.9287



62.7550, 61.8953, 74.9691



63.5532, 61.8953, 68.2256

# Triad

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



62.7550, 61.8953, 74.9691



59.1195, 61.8953, 55.0530



54.7950, 61.8953, 73.4385

# Complementary

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



62.7550, 61.8953, 74.9691



60.0820, 67.3466, 65.7130

# 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.



54.3461, 61.8953, 66.5681



62.7550, 61.8953, 74.9691



56.8027, 61.8953, 56.2425

# Square

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



62.7550, 61.8953, 74.9691



61.4185, 61.8953, 56.9804



55.0715, 61.8953, 60.3462



56.3145, 61.8953, 79.0037



# Rectangle

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



62.7550, 61.8953, 74.9691



63.3653, 61.8953, 63.7324



55.0715, 61.8953, 60.3462



54.5157, 61.8953, 71.1921

# Sweetspot

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



62.7568, 61.8980, 74.9704



93.3989, 96.7708, 108.1246



58.0056, 59.4335, 75.4336



20.0085, 20.7468, 23.1513



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

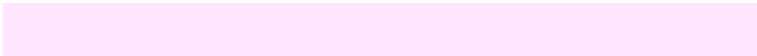


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7568, 61.8980, 74.9704



87.2205, 84.7048, 105.1685



61.6232, 61.4445, 69.0009



13.5815, 13.2617, 16.3234



24.0015, 11.6016, 35.9834



1.5647, 0.7555, 2.3825



# Inverse Universe

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



62.7568, 61.8980, 74.9704



87.2205, 84.7048, 105.1685



61.1664, 67.7804, 71.4235



13.5815, 13.2617, 16.3234



24.0015, 11.6016, 35.9834

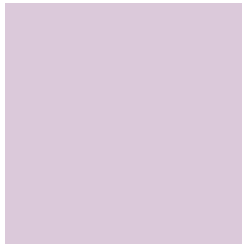


1.5647, 0.7555, 2.3825



# Previews

## White Background



This preview shows how the XYZ color 62.7550, 61.8953, 74.9691 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

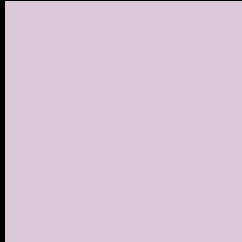
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.7550, 61.8953, 74.9691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

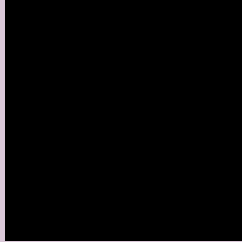
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.7550, 61.8953, 74.9691

## Background



This preview shows how black text looks on a background with the XYZ color 62.7550, 61.8953, 74.9691.



This preview shows how white text looks on a background with the XYZ color 62.7550, 61.8953,

74.9691.

# 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

62.7550, 61.8953, 74.9691

### Protanopia

60.2032, 61.9518, 76.4950

### Deuteranopia

63.1280, 61.7427, 74.9200



## Tritanopia

62.6244, 61.8431, 74.2819

# Trichromacy



## Original Color

62.7550, 61.8953, 74.9691

## Protanomaly

61.2430, 62.1491, 75.7860

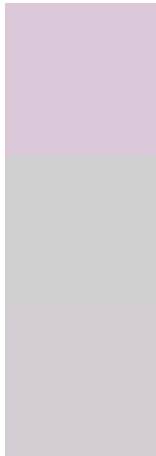
## Deuteranomaly

62.8244, 61.5862, 74.9058

## Tritanomaly

62.6244, 61.8431, 74.2819

# Monochromacy



## Original Color

62.7550, 61.8953, 74.9691

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.8664, 62.4132, 71.1263

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.7550, 61.8953, 74.9691 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(219, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 218)  
}
```

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(219, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 62.7550, 61.8953, 74.9691 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(219, 201, 218) }
```



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

```
.border{ border-color:rgb(219, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.7550, 61.8953, 74.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 218) }
```

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

```
.background{ background-color: rgb(219,  
201, 218) }
```

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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