

# Converting Colors

XYZ(62.8015, 59.9699, 76.0357)

Have a look what the booklet for  
XYZ(62.8015, 59.9699, 76.0357)  
contains.

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# Color

**XYZ(62.5576, 59.7271,  
75.9415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC3DC
RGB	222, 195, 220
RGB Percent	87%, 76%, 86%
CMY	0.1294, 0.2353, 0.1372
CMYK	0.00, 0.12, 0.01, 0.13
HSL	304°, 29%, 82%
HSV	304°, 12%, 87%
XYZ	62.5576, 59.7271, 75.9415
YIQ	205.9230, 8.0670, 13.4990

# Conversions

## Conversions Part 2

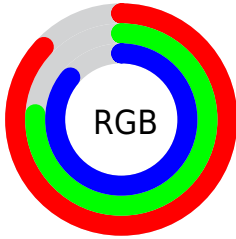
Format	Color
R <sub>Y</sub> B	222, 195, 220
Decimal	14599132
CIE Lab	81.69, 13.85, -8.94
CIE LCh	82, 16.484, 327.175
Yxy	59.7271, 0.3156, 0.3013
Android (android.graphics.Color)	4292789212 (0xFFDEC3DC)
YUV	205.9230, 6.9400, 14.0995
Hunter-Lab	77.2833, 9.2425, -4.1623

# Details

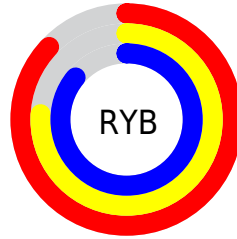
The XYZ color **62.5576, 59.7271, 75.9415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7073, 67.8776, 62.8340**, and the grayscale version is **58.5718, 61.6221, 67.1065**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.2528, 29.9819, 39.6845** is the 20% darker color. If you saturate the color by 10%, you get **57.7325, 50.4228, 73.2642**, and if you desaturate by 10%, it is **68.1279, 70.5164, 78.8792**.

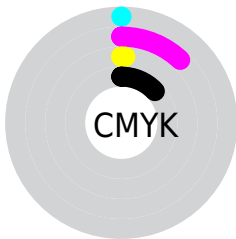
# Distribution



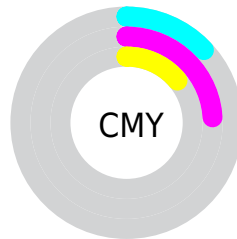
- Red (87%)
- Green (76%)
- Blue (86%)



- Red (87%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5576, 59.7271, 75.9415 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 62.5576, 59.7271, 75.9415 by changing the saturation by 10% instead.



62.5576, 59.7271,  
75.9415

62.5576, 59.7271,  
75.9415

423.6474,  
423.5911, 500.4889

45.7407, 43.1987,  
55.8782

107.6164,  
104.4337, 129.4035

32.2450, 30.0411,  
39.7019

136.5890,  
133.3807, 163.6393

21.7052, 19.8698,  
26.9942

170.3443,  
167.2360, 203.4364

13.7558, 12.3004,  
17.3365

209.2475,  
206.3840, 249.2132

8.0316, 6.9486,  
10.3102

253.6641,  
251.2091, 301.3883

4.1671, 3.4300,  
5.4968

303.9594,

1.7971, 1.3601,

302.0958, 360.3802

2.4778

360.4987,  
359.4283, 426.6076

■ 0.5159, 0.1871,  
0.8284

■ 0.0000, 0.0000,  
0.0000

■ 62.5576, 59.7271,  
75.9415

■ 62.5576, 59.7271,  
75.9415

■ 57.7325, 50.4228,  
73.2642

■ 68.1279, 70.5164,  
78.8792

■ 53.6147, 42.5308,  
70.8325

■ 74.4686, 82.8439,  
82.0835

■ 50.1710, 35.9837,  
68.6361

■ 79.4665, 92.4826,  
84.8510

■ 47.3637, 30.7056,  
66.6623

■ 79.6920, 92.5728,  
86.0382

45.1509, 26.6134,  
64.8970

79.9196, 92.6638,  
87.2369

43.4860, 23.6135,  
63.3249

80.1494, 92.7557,  
88.4470

42.3154, 21.5989,  
61.9279

80.3814, 92.8485,  
89.6686

41.5746, 20.4407,  
60.6846

80.6156, 92.9422,  
90.9017

41.2110, 19.9644,  
59.7895

80.8519, 93.0367,  
92.1464

# Harmonies

## Analogous

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



59.8685, 59.7271, 83.5404



62.5576, 59.7271, 75.9415



63.6914, 59.7271, 65.9781

# Triad

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



62.5576, 59.7271, 75.9415



57.0980, 59.7271, 47.7656



51.0420, 59.7271, 74.1486

# Complementary

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



62.5576, 59.7271, 75.9415



58.7073, 67.8776, 62.8340

# 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.



50.3669, 59.7271, 64.0963



62.5576, 59.7271, 75.9415



53.7780, 59.7271, 49.4827

# Square

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



62.5576, 59.7271, 75.9415



60.4600, 59.7271, 50.2710



51.3486, 59.7271, 55.2220



53.2310, 59.7271, 82.4334



# Rectangle

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



62.5576, 59.7271, 75.9415



63.3796, 59.7271, 59.5557



51.3486, 59.7271, 55.2220



50.6344, 59.7271, 70.8355

# Sweetspot

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



62.5594, 59.7297, 75.9428



91.7605, 93.6153, 107.2044



55.6761, 56.1505, 77.0120



19.5122, 19.7887, 22.8793



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.



62.5594, 59.7297, 75.9428



83.5855, 77.7957, 102.8440



60.8672, 59.0528, 67.0319



14.2489, 13.9172, 17.0809



24.4963, 11.8655, 35.6088



1.7112, 0.8278, 2.5381



# Inverse Universe

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



62.5594, 59.7297, 75.9428



83.5855, 77.7957, 102.8440



60.2993, 68.5144, 71.2174



14.2489, 13.9172, 17.0809



24.4963, 11.8655, 35.6088



1.7112, 0.8278, 2.5381



# Previews

## White Background



This preview shows how the XYZ color 62.5576, 59.7271, 75.9415 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

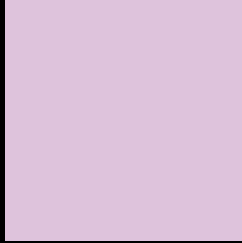
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.5576, 59.7271, 75.9415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

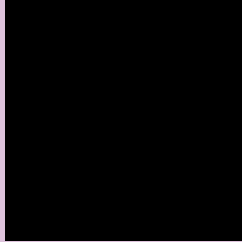
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.5576, 59.7271, 75.9415

## Background



This preview shows how black text looks on a background with the XYZ color 62.5576, 59.7271, 75.9415.



This preview shows how white text looks on a background with the XYZ color 62.5576, 59.7271,

75.9415.

# 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

62.5576, 59.7271, 75.9415

### Protanopia

58.6625, 60.0404, 79.0181

### Deuteranopia

60.9089, 59.5469, 75.9936



## Tritanopia

61.4424, 59.6055, 70.5540

# Trichromacy



## Original Color

62.5576, 59.7271, 75.9415

## Protanomaly

60.0372, 59.7299, 78.1768

## Deuteranomaly

61.5716, 59.5526, 75.9598

## Tritanomaly

61.8245, 59.7583, 72.5660

# Monochromacy



## Original Color

62.5576, 59.7271, 75.9415

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

60.0298, 60.9413, 70.2269

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5576, 59.7271, 75.9415 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(222, 195, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 195, 220)  
}
```

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(222, 195, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 195, 220) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5576, 59.7271, 75.9415 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(222, 195, 220) }
```



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

```
.border{ border-color:rgb(222, 195, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 195, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 195, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 195, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 195,  
220) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5576, 59.7271, 75.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 195, 220) }
```

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

```
.background{ background-color: rgb(222,  
195, 220) }
```

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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