

# Converting Colors

XYZ(62.1837, 60.3900, 73.4904)

Have a look what the booklet for  
XYZ(62.1837, 60.3900, 73.4904)  
contains.

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# Color

**XYZ(62.1797, 60.2625,  
73.3204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">DDC5D8</a>
RGB	<a href="#">221, 197, 216</a>
RGB Percent	<a href="#">87%, 77%, 85%</a>
CMY	<a href="#">0.1333, 0.2274, 0.1529</a>
CMYK	<a href="#">0.00, 0.11, 0.02, 0.13</a>
HSL	<a href="#">313°, 26%, 82%</a>
HSV	<a href="#">313°, 11%, 87%</a>
XYZ	<a href="#">62.1797, 60.2625, 73.3204</a>
YIQ	<a href="#">206.3420, 8.2050, 10.9970</a>

# Conversions

## Conversions Part 2

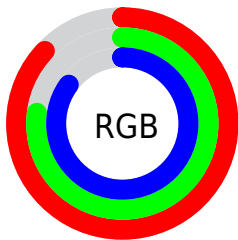
Format	Color
R <sub>Y</sub> B	221, 197, 216
Decimal	14534104
CIE Lab	81.98, 11.72, -6.37
CIE LCh	82, 13.339, 331.479
Yxy	60.2625, 0.3176, 0.3078
Android (android.graphics.Color)	4292724184 (0xFFDDC5D8)
YUV	206.3420, 4.7614, 12.8551
Hunter-Lab	77.6289, 7.1254, -1.6591

# Details

The XYZ color **62.1797, 60.2625, 73.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5454, 67.8491, 65.8380**, and the grayscale version is **58.8535, 61.9185, 67.4292**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.9814, 30.3251, 37.8859** is the 20% darker color. If you saturate the color by 10%, you get **56.9383, 50.7184, 68.6776**, and if you desaturate by 10%, it is **68.1769, 71.2898, 78.2989**.

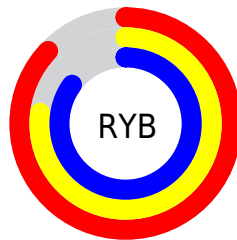
# Distribution



Red (87%)

Green (77%)

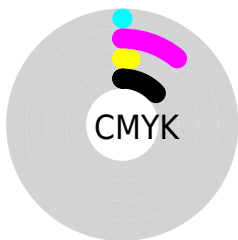
Blue (85%)



Red (87%)

Yellow (77%)

Blue (85%)

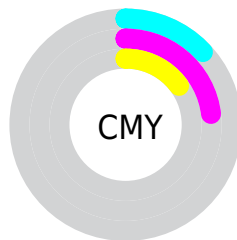


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1797, 60.2625, 73.3204 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 62.1797, 60.2625, 73.3204 by changing the saturation by 10% instead.



62.1797, 60.2625,  
73.3204

62.1797, 60.2625,  
73.3204

422.2934,  
425.5647, 491.2250

45.4341, 43.6303,  
53.7446

107.0737,  
105.2104, 125.6571

32.0022, 30.3799,  
38.0057

135.9527,  
134.2948, 159.2550

21.5187, 20.1271,  
25.6852

169.6070,  
168.2987, 198.3641

13.6183, 12.4875,  
16.3647

208.4018,  
207.6065, 243.4028

7.9356, 7.0766,  
9.6254

252.7024,  
252.6026, 294.7897

4.1052, 3.5101,  
5.0490

302.8744,

1.7618, 1.4035,

303.6714, 352.9434

2.2168

359.2829,  
361.1973, 418.2823

■ 0.4945, 0.2193,  
0.6840

■ 0.0000, 0.0000,  
0.0000

■ 62.1797, 60.2625,  
73.3204

■ 62.1797, 60.2625,  
73.3204

■ 56.9383, 50.7184,  
68.6776

■ 68.1769, 71.2898,  
78.2989

■ 52.4155, 42.5858,  
64.3553

■ 74.9547, 83.8524,  
83.6198

■ 48.5787, 35.7989,  
60.3427

■ 79.8363, 92.5952,  
88.3923

■ 45.3906, 30.2834,  
56.6266

■ 80.4910, 92.8571,  
91.8401

42.8105, 25.9580,  
53.1928

81.1630, 93.1259,  
95.3785

40.7928, 22.7318,  
50.0253

81.8522, 93.4016,  
99.0083

39.2854, 20.5009,  
47.1062

82.5590, 93.6843,  
102.7300

38.2261, 19.1412,  
44.4140

83.2833, 93.9740,  
106.5443

37.5524, 18.4656,  
42.1182

83.6292, 94.1124,  
108.3655

# Harmonies

## Analogous

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



60.1586, 60.2625, 79.7837



62.1797, 60.2625, 73.3204



62.8761, 60.2625, 65.2154

# Triad

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



62.1797, 60.2625, 73.3204



57.1378, 60.2625, 51.2722



52.7728, 60.2625, 74.0710

# Complementary

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



62.1797, 60.2625, 73.3204



59.5454, 67.8491, 65.8380

# 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.



52.0219, 60.2625, 66.0175



62.1797, 60.2625, 73.3204



54.4903, 60.2625, 53.2328

# Square

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



62.1797, 60.2625, 73.3204



59.9083, 60.2625, 52.8847



52.6404, 60.2625, 58.4704



54.7252, 60.2625, 80.2414



# Rectangle

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



62.1797, 60.2625, 73.3204



62.4778, 60.2625, 60.0875



52.6404, 60.2625, 58.4704



52.3745, 60.2625, 71.4728

# Sweetspot

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



62.1814, 60.2651, 73.3217



92.4023, 95.1136, 106.7566



57.3229, 57.6846, 76.5205



19.6300, 20.0857, 22.7293



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.



62.1814, 60.2651, 73.3217



84.2791, 80.2060, 99.9217



60.7102, 59.6766, 65.5741



13.4921, 13.2259, 15.8526



21.8569, 10.7438, 24.6903



1.4458, 0.7080, 1.7566



# Inverse Universe

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



62.1814, 60.2651, 73.3217



84.2791, 80.2060, 99.9217



60.9965, 68.4295, 73.4795



13.4921, 13.2259, 15.8526



21.8569, 10.7438, 24.6903



1.4458, 0.7080, 1.7566



# Previews

## White Background



This preview shows how the XYZ color 62.1797, 60.2625, 73.3204 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

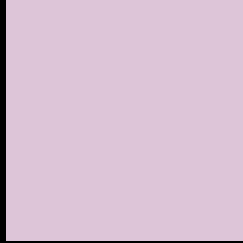
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.1797, 60.2625, 73.3204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

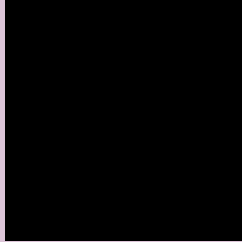
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.1797, 60.2625, 73.3204

## Background



This preview shows how black text looks on a background with the XYZ color 62.1797, 60.2625, 73.3204.



This preview shows how white text looks on a background with the XYZ color 62.1797, 60.2625,



# 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

62.1797, 60.2625, 73.3204

### Protanopia

58.7707, 60.5229, 75.6024

### Deuteranopia

61.5022, 60.2515, 73.3539



## Tritanopia

61.7953, 60.1088, 71.2960

# Trichromacy



## Original Color

62.1797, 60.2625, 73.3204

## Protanomaly

60.1199, 60.5369, 74.8458

## Deuteranomaly

61.8022, 60.4061, 73.3680

## Tritanomaly

61.9226, 60.1597, 71.9666

# Monochromacy



## Original Color

62.1797, 60.2625, 73.3204

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

59.8528, 61.2139, 69.6337

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.1797, 60.2625, 73.3204 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(221, 197, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 216)  
}
```

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(221, 197, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 62.1797, 60.2625, 73.3204 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(221, 197, 216) }
```



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

```
.border{ border-color:rgb(221, 197, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 197, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.1797, 60.2625, 73.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 216) }
```

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

```
.background{ background-color: rgb(221,  
197, 216) }
```

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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