

Converting Colors

XYZ(64.0974, 63.0549, 73.8591)

Have a look what the booklet for
XYZ(64.0974, 63.0549, 73.8591)
contains.

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Color

**XYZ(63.9466, 62.8869,
73.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCAD8
RGB	223, 202, 216
RGB Percent	87%, 79%, 85%
CMY	0.1255, 0.2078, 0.1529
CMYK	0.00, 0.09, 0.03, 0.13
HSL	320°, 25%, 83%
HSV	320°, 9%, 87%
XYZ	63.9466, 62.8869, 73.7338
YIQ	209.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

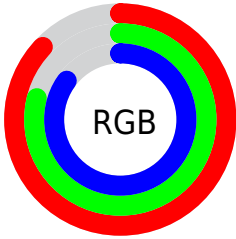
Format	Color
R _Y B	223, 202, 216
Decimal	14666456
CIE Lab	83.38, 9.75, -4.28
CIE LCh	83, 10.647, 336.296
Yxy	62.8869, 0.3188, 0.3135
Android (android.graphics.Color)	4292856536 (0xFFDFCAD8)
YUV	209.8750, 3.0196, 11.5106
Hunter-Lab	79.3013, 5.1608, 0.3834

Details

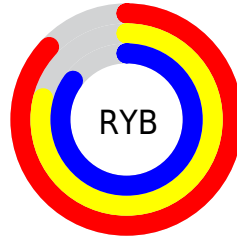
The XYZ color **63.9466, 62.8869, 73.7338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2558, 69.9370, 70.5429**, and the grayscale version is **61.1552, 64.3400, 70.0663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1714, 32.0778, 38.1615** is the 20% darker color. If you saturate the color by 10%, you get **58.1486, 52.7938, 67.1662**, and if you desaturate by 10%, it is **70.5478, 74.5150, 80.7852**.

Distribution



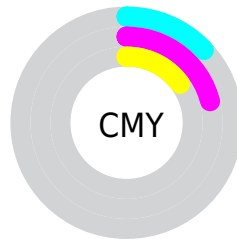
- Red (87%)
- Green (79%)
- Blue (85%)



- Red (87%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9466, 62.8869, 73.7338 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 63.9466, 62.8869, 73.7338 by changing the saturation by 10% instead.

63.9466, 62.8869,
73.7338

63.9466, 62.8869,
73.7338

428.6021,
435.1589, 492.6929

46.8689, 45.7497,
54.0807

109.6082,
109.0063, 126.2489

33.1396, 32.0484,
38.2726

138.9228,
138.7574, 159.9481

22.3931, 21.3984,
25.8908

173.0472,
173.4818, 199.1663

14.2643, 13.4156,
16.5170

212.3466,
213.5640, 244.3222

8.3876, 7.7153,
9.7324

257.1865,
259.3885, 295.8342

4.3979, 3.9133,
5.1186

307.9321,

1.9296, 1.6252,

311.3395, 354.1210

2.2571

364.9488,
369.8015, 419.6011

■ 0.5939, 0.3745,
0.7070

■ 0.0000, 0.0000,
0.0000

■ 63.9466, 62.8869,
73.7338

■ 63.9466, 62.8869,
73.7338

■ 58.1486, 52.7938,
67.1662

■ 70.5478, 74.5150,
80.7852

■ 53.1156, 44.1627,
61.0646

■ 77.9776, 87.7309,
88.3294

■ 48.8141, 36.9269,
55.4158

■ 81.6693, 93.3992,
94.8476

■ 45.2061, 31.0113,
50.2042

■ 82.7864, 93.8460,
100.7303

■ 42.2500, 26.3337,
45.4129

■ 83.9492, 94.3111,
106.8536

■ 39.8996, 22.8025,
41.0235

■ 84.2418, 94.4282,
108.3942

■ 38.1022, 20.3136,
37.0153

■ 36.7956, 18.7433,
33.3643

■ 35.8779, 17.8893,
30.0334

Harmonies

Analogous

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



62.4494, 62.8869, 79.2846



63.9466, 62.8869, 73.7338



64.3125, 62.8869, 67.0829

Triad

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



63.9466, 62.8869, 73.7338



59.2847, 62.8869, 56.5533



56.2514, 62.8869, 76.3104

Complementary

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



63.9466, 62.8869, 73.7338



62.2558, 69.9370, 70.5429

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.



55.4506, 62.8869, 69.8825



63.9466, 62.8869, 73.7338



57.1724, 62.8869, 58.6921

Square

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



63.9466, 62.8869, 73.7338



61.5818, 62.8869, 57.4381



55.7834, 62.8869, 63.4689



57.9982, 62.8869, 80.8381

Rectangle

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



63.9466, 62.8869, 73.7338



63.8575, 62.8869, 62.9727



55.7834, 62.8869, 63.4689



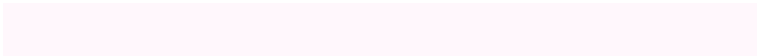
55.8648, 62.8869, 74.2849

Sweetspot

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



63.9484, 62.8896, 73.7352



92.2499, 95.0526, 105.9543



60.7368, 61.1272, 78.4104



19.5888, 20.0692, 22.5123



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.



63.9484, 62.8896, 73.7352



85.2760, 82.8031, 98.3942



62.6340, 62.3639, 66.8137



14.0906, 13.8539, 16.2473



21.1212, 10.5155, 17.8357



1.5050, 0.7453, 1.4523

Inverse Universe

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



63.9484, 62.8896, 73.7352



85.2760, 82.8031, 98.3942



63.5989, 70.4742, 77.6156



14.0906, 13.8539, 16.2473



21.1212, 10.5155, 17.8357



1.5050, 0.7453, 1.4523

Previews

White Background



This preview shows how the XYZ color 63.9466, 62.8869, 73.7338 looks on a white background.

Color Contrast Check

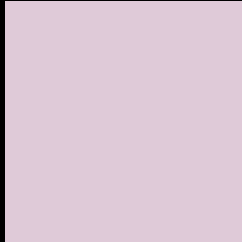
Large Text (above 18pt) WCAG AA × Fail

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 63.9466, 62.8869, 73.7338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

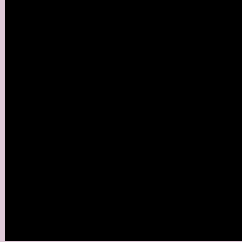
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9466, 62.8869, 73.7338

Background



This preview shows how black text looks on a background with the XYZ color 63.9466, 62.8869, 73.7338.



This preview shows how white text looks on a background with the XYZ color 63.9466, 62.8869,

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

63.9466, 62.8869, 73.7338

Protanopia

61.1114, 63.1500, 75.9861

Deuteranopia

64.2557, 63.0462, 73.7482



Tritanopia

64.2068, 62.9910, 75.1041

Trichromacy



Original Color

63.9466, 62.8869, 73.7338

Protanomaly

61.9268, 62.8707, 75.2010

Deuteranomaly

64.2557, 63.0462, 73.7482

Tritanomaly

64.0763, 62.9388, 74.4169

Monochromacy



Original Color

63.9466, 62.8869, 73.7338

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2208, 63.8262, 71.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9466, 62.8869, 73.7338 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, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 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(223, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.9466, 62.8869, 73.7338 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, 202, 216) }
```


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

```
.border{ border-color:rgb(223, 202, 216) }
```

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

Here you see how a box with a 4 pixel rgb(223, 202, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9466, 62.8869, 73.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 202, 216) }
```

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

```
.background{ background-color: rgb(223,  
202, 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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