

Converting Colors

XYZ(62.8044, 63.3006, 73.6775)

Have a look what the booklet for
XYZ(62.8044, 63.3006, 73.6775)
contains.

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Color

**XYZ(62.8413, 63.3722,
73.8857)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CDD8
RGB	217, 205, 216
RGB Percent	85%, 80%, 85%
CMY	0.1490, 0.1961, 0.1529
CMYK	0.00, 0.06, 0.00, 0.15
HSL	305°, 14%, 83%
HSV	305°, 6%, 85%
XYZ	62.8413, 63.3722, 73.8857
YIQ	209.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

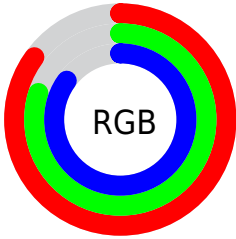
Format	Color
R _Y B	217, 205, 216
Decimal	14274008
CIE Lab	83.64, 6.11, -3.96
CIE LCh	84, 7.283, 327.048
Yxy	63.3722, 0.3141, 0.3167
Android (android.graphics.Color)	4292464088 (0xFFD9CDD8)
YUV	209.8420, 3.0359, 6.2776
Hunter-Lab	79.6067, 1.5958, 0.6956

Details

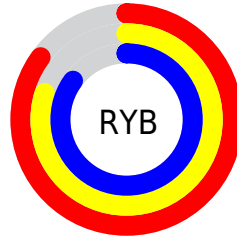
The XYZ color **62.8413, 63.3722, 73.8857** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1327, 67.0629, 68.1183**, and the grayscale version is **61.1355, 64.3193, 70.0438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3999, 32.3878, 38.2620** is the 20% darker color. If you saturate the color by 10%, you get **57.7743, 53.6097, 71.0497**, and if you desaturate by 10%, it is **68.6344, 74.5810, 76.9780**.

Distribution



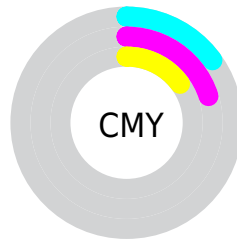
- Red (85%)
- Green (80%)
- Blue (85%)



- Red (85%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8413, 63.3722, 73.8857 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 62.8413, 63.3722, 73.8857 by changing the saturation by 10% instead.

■ 62.8413, 63.3722,
73.8857

■ 62.8413, 63.3722,
73.8857

424.6621,
436.9190, 493.2316

■ 45.9710, 46.1424,
54.2043

108.0236,
109.7063, 126.4663

■ 32.4275, 32.3582,
38.3707

137.0664,
139.5794, 160.2026

■ 21.8453, 21.6352,
25.9665

170.8973,
174.4357, 199.4609

■ 13.8593, 13.5891,
16.5730

209.8817,
214.6596, 244.6597

■ 8.1039, 7.8355,
9.7718

254.3851,
260.6354, 296.2177

■ 4.2139, 3.9898,
5.1443

304.7727,

■ 1.8238, 1.6679,

312.7477, 354.5533

2.2720

361.4099,
371.3808, 420.0851

■ 0.5320, 0.4027,
0.7154

■ 0.0000, 0.0000,
0.0000

■ 62.8413, 63.3722,
73.8857

■ 62.8413, 63.3722,
73.8857

■ 57.7743, 53.6097,
71.0497

■ 68.6344, 74.5810,
76.9780

■ 53.3986, 45.2264,
68.4559

■ 75.1759, 87.2835,
80.3318

■ 49.6843, 38.1620,
66.0953

■ 77.4842, 91.5153,
82.2873

■ 46.5977, 32.3488,
63.9565

■ 77.7273, 91.6126,
83.5672

44.1017, 27.7128,
62.0271

77.9729, 91.7108,
84.8609

42.1556, 24.1724,
60.2935

78.2212, 91.8101,
86.1683

40.7132, 21.6355,
58.7403

78.4721, 91.9105,
87.4896

39.7211, 19.9950,
57.3496

78.7257, 92.0119,
88.8247

39.1134, 19.1195,
56.0995

78.9818, 92.1144,
90.1737

Harmonies

Analogous

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



61.6375, 63.3722, 77.1159



62.8413, 63.3722, 73.8857



63.3455, 63.3722, 69.4545

Triad

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



62.8413, 63.3722, 73.8857



60.3913, 63.3722, 60.6036



57.5454, 63.3722, 73.0694

Complementary

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



62.8413, 63.3722, 73.8857



61.1327, 67.0629, 68.1183

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.



57.2249, 63.3722, 68.5506



62.8413, 63.3722, 73.8857



58.8507, 63.3722, 61.4774

Square

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



62.8413, 63.3722, 73.8857



61.9155, 63.3722, 61.8968



57.6986, 63.3722, 64.3375



58.5820, 63.3722, 76.6302

Rectangle

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



62.8413, 63.3722, 73.8857



63.2106, 63.3722, 66.4607



57.6986, 63.3722, 64.3375



57.3511, 63.3722, 71.6063

Sweetspot

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



62.8431, 63.3749, 73.8871



93.3761, 96.7617, 108.0047



59.8120, 61.7974, 74.4224



20.0039, 20.7449, 23.1269



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.



62.8431, 63.3749, 73.8871



89.3789, 89.0398, 105.8321



62.0816, 63.0703, 69.8769



13.7847, 13.6786, 16.3587



23.5752, 11.4311, 33.7384



1.5414, 0.7462, 2.2601

Inverse Universe

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



62.8431, 63.3749, 73.8871



89.3789, 89.0398, 105.8321



61.8755, 67.3600, 72.0300



13.7847, 13.6786, 16.3587



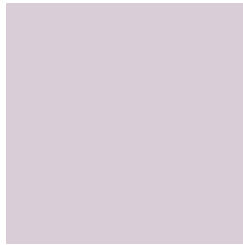
23.5752, 11.4311, 33.7384



1.5414, 0.7462, 2.2601

Previews

White Background



This preview shows how the XYZ color 62.8413, 63.3722, 73.8857 looks on a white background.

Color Contrast Check

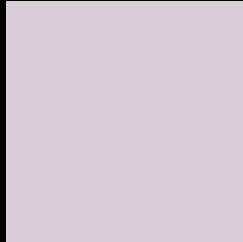
Large Text (above 18pt) WCAG AA × Fail

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 62.8413, 63.3722, 73.8857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

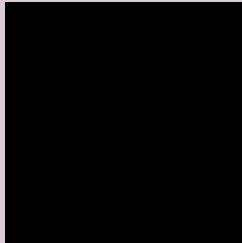
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8413, 63.3722, 73.8857

Background



This preview shows how black text looks on a background with the XYZ color 62.8413, 63.3722, 73.8857.



This preview shows how white text looks on a background with the XYZ color 62.8413, 63.3722,

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

62.8413, 63.3722, 73.8857

Protanopia

61.4156, 63.3370, 74.6340

Deuteranopia

64.6963, 63.2584, 74.4459



Tritanopia

63.4246, 63.2585, 76.5774

Trichromacy



Original Color

62.8413, 63.3722, 73.8857

Protanomaly

62.0363, 63.2985, 74.5938

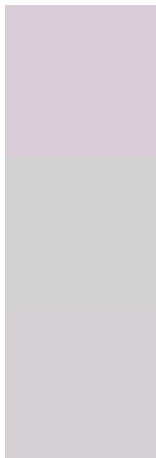
Deuteranomaly

64.0045, 63.2512, 74.4809

Tritanomaly

63.2925, 63.2056, 75.8819

Monochromacy



Original Color

62.8413, 63.3722, 73.8857

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8801, 64.0114, 71.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8413, 63.3722, 73.8857 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(217, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 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(217, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.8413, 63.3722, 73.8857 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(217, 205, 216) }
```


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

```
.border{ border-color:rgb(217, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8413, 63.3722, 73.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 216) }
```

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

```
.background{ background-color: rgb(217,  
205, 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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