

Converting Colors

XYZ(62.4695, 60.7445, 73.7131)

Have a look what the booklet for
XYZ(62.4695, 60.7445, 73.7131)
contains.

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Color

**XYZ(62.4075, 60.7182,
73.3963)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DDC6D8 |
| RGB | 221, 198, 216 |
| RGB Percent | 87%, 78%, 85% |
| CMY | 0.1333, 0.2235, 0.1529 |
| CMYK | 0.00, 0.10, 0.02, 0.13 |
| HSL | 313°, 25%, 82% |
| HSV | 313°, 10%, 87% |
| XYZ | 62.4075, 60.7182, 73.3963 |
| YIQ | 206.9290, 7.9300, 10.4740 |

Conversions

Conversions Part 2

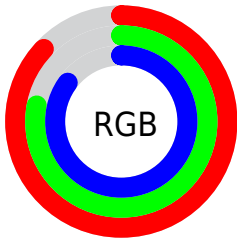
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 221, 198, 216 |
| Decimal | 14534360 |
| CIE _{Lab} | 82.23, 11.19, -6.00 |
| CIE _{LCh} | 82, 12.697, 331.776 |
| Yxy | 60.7182, 0.3176, 0.3090 |
| Android (android.graphics.Color) | 4292724440 (0xFFDDC6D8) |
| YUV | 206.9290, 4.4720, 12.3403 |
| Hunter-Lab | 77.9219, 6.5970, -1.3012 |

Details

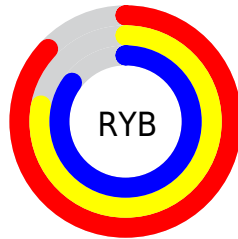
The XYZ color **62.4075, 60.7182, 73.3963** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9269, 68.0320, 66.4761**, and the grayscale version is **59.2325, 62.3172, 67.8634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1322, 30.6267, 37.9362** is the 20% darker color. If you saturate the color by 10%, you get **57.1084, 51.0988, 68.6102**, and if you desaturate by 10%, it is **68.4654, 71.8242, 78.5264**.

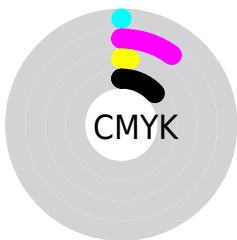
Distribution



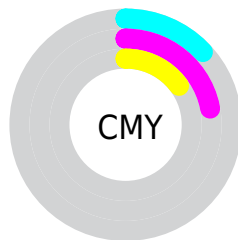
- Red (87%)
- Green (78%)
- Blue (85%)



- Red (87%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4075, 60.7182, 73.3963 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 62.4075, 60.7182, 73.3963 by changing the saturation by 10% instead.

62.4075, 60.7182,
73.3963

62.4075, 60.7182,
73.3963

423.1099,
427.2400, 491.4947

45.6189, 43.9978,
53.8063

107.4009,
105.8708, 125.7658

32.1485, 30.6688,
38.0547

136.3364,
135.0718, 159.3823

21.6311, 20.3468,
25.7230

170.0515,
169.2017, 198.5114

13.7012, 12.6474,
16.3926

208.9117,
208.6451, 243.5717

7.9934, 7.1862,
9.6450

253.2823,
253.7862, 294.9816

4.1425, 3.5788,
5.0617

303.5286,

1.7831, 1.4409,

305.0094, 353.1597

2.2242

360.0160,
362.6992, 418.5246

■ 0.5074, 0.2465,
0.6883

■ 0.0000, 0.0000,
0.0000

■ 62.4075, 60.7182,
73.3963

■ 62.4075, 60.7182,
73.3963

■ 57.1084, 51.0988,
68.6102

■ 68.4654, 71.8242,
78.5264

■ 52.5308, 42.8945,
64.1528

■ 75.3066, 84.4687,
84.0072

■ 48.6422, 36.0396,
60.0132

■ 79.9206, 92.6289,
88.8368

■ 45.4055, 30.4603,
56.1782

■ 80.6066, 92.9033,
92.4489

42.7801, 26.0754,
52.6336

81.3113, 93.1852,
96.1597

40.7207, 22.7947,
49.3634

82.0349, 93.4746,
99.9702

39.1755, 20.5149,
46.3495

82.7775, 93.7717,
103.8809

38.0829, 19.1129,
43.5707

83.5394, 94.0764,
107.8928

37.3572, 18.3875,
41.0904

83.6291, 94.1123,
108.3655

Harmonies

Analogous

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



60.4883, 60.7182, 79.5755



62.4075, 60.7182, 73.3963



63.0575, 60.7182, 65.6521

Triad

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



62.4075, 60.7182, 73.3963



57.5501, 60.7182, 52.3352



53.4086, 60.7182, 74.2553

Complementary

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



62.4075, 60.7182, 73.3963



59.9269, 68.0320, 66.4761

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.



52.6753, 60.7182, 66.5736



62.4075, 60.7182, 73.3963



55.0197, 60.7182, 54.2594

Square

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



62.4075, 60.7182, 73.3963



60.2013, 60.7182, 53.8565



53.2559, 60.7182, 59.3260



55.2900, 60.7182, 80.0980

Rectangle

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



62.4075, 60.7182, 73.3963



62.6679, 60.7182, 60.7476



53.2559, 60.7182, 59.3260



53.0223, 60.7182, 71.7829

Sweetspot

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



62.4093, 60.7208, 73.3976



92.3912, 95.1091, 106.6984



57.8718, 58.3059, 76.6114



19.6270, 20.0845, 22.7135



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.



62.4093, 60.7208, 73.3976



85.0005, 81.5854, 100.3569



60.9761, 60.1476, 65.8506



13.4869, 13.2238, 15.8250



21.7447, 10.6989, 24.0996



1.4394, 0.7054, 1.7230

Inverse Universe

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



62.4093, 60.7208, 73.3976



85.0005, 81.5854, 100.3569



61.3466, 68.5999, 73.9518



13.4869, 13.2238, 15.8250



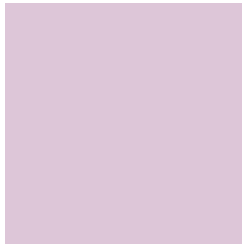
21.7447, 10.6989, 24.0996



1.4394, 0.7054, 1.7230

Previews

White Background



This preview shows how the XYZ color 62.4075, 60.7182, 73.3963 looks on a white background.

Color Contrast Check

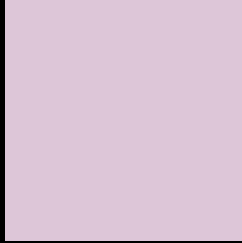
Large Text (above 18pt) WCAG AA × Fail

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 62.4075, 60.7182, 73.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

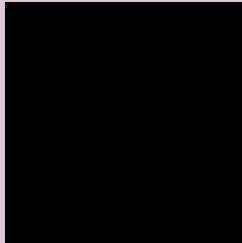
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4075, 60.7182, 73.3963

Background



This preview shows how black text looks on a background with the XYZ color 62.4075, 60.7182, 73.3963.

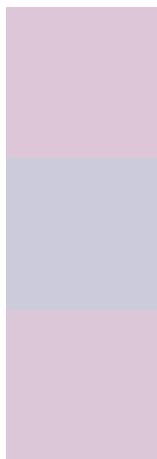


This preview shows how white text looks on a background with the XYZ color 62.4075, 60.7182,

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

62.4075, 60.7182, 73.3963

Protanopia

59.0440, 60.6637, 75.6151

Deuteranopia

62.0315, 60.8648, 73.4444



Tritanopia

62.1505, 60.6154, 72.0426

Trichromacy



Original Color

62.4075, 60.7182, 73.3963

Protanomaly

60.1199, 60.5369, 74.8458

Deuteranomaly

62.3333, 61.0204, 73.4585

Tritanomaly

62.2786, 60.6666, 72.7174

Monochromacy



Original Color

62.4075, 60.7182, 73.3963

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3771, 61.8359, 69.7261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4075, 60.7182, 73.3963 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, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 198, 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, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 198, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.4075, 60.7182, 73.3963 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, 198, 216) }
```


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

```
.border{ border-color:rgb(221, 198, 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, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 198, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 198, 216); box-shadow:4px 4px 4px 4px rgb(221, 198, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4075, 60.7182, 73.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 198, 216) }
```

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

```
.background{ background-color: rgb(221,  
198, 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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