

Converting Colors

XYZ(62.0907, 59.9597, 74.2285)

Have a look what the booklet for
XYZ(62.0907, 59.9597, 74.2285)
contains.

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Color

**XYZ(62.0831, 59.8618,
73.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC4D9
RGB	221, 196, 217
RGB Percent	87%, 77%, 85%
CMY	0.1333, 0.2314, 0.1490
CMYK	0.00, 0.11, 0.02, 0.13
HSL	310°, 27%, 82%
HSV	310°, 11%, 87%
XYZ	62.0831, 59.8618, 73.9280
YIQ	205.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

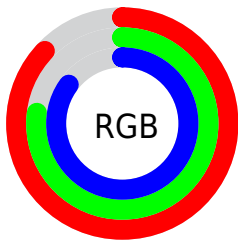
Format	Color
R_{YB}	221, 196, 217
Decimal	14533849
CIE _{Lab}	81.76, 12.43, -7.23
CIE _{LCh}	82, 14.381, 329.831
Yxy	59.8618, 0.3170, 0.3056
Android (android.graphics.Color)	4292723929 (0xFFDDC4D9)
YUV	205.8690, 5.4876, 13.2699
Hunter-Lab	77.3704, 7.8327, -2.4928

Details

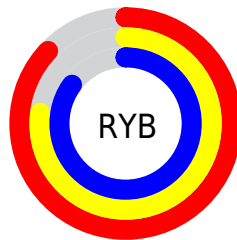
The XYZ color **62.0831, 59.8618, 73.9280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0490, 67.6204, 64.5866**, and the grayscale version is **58.5463, 61.5953, 67.0772**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **31.9205, 30.0616, 38.3025** is the 20% darker color. If you saturate the color by 10%, you get **57.0062, 50.4355, 69.9910**, and if you desaturate by 10%, it is **67.9076, 70.7657, 78.1643**.

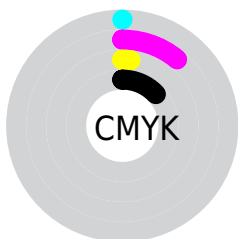
Distribution



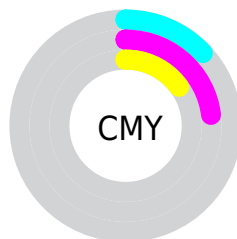
- Red (87%)
- Green (77%)
- Blue (85%)



- 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 62.0831, 59.8618, 73.9280 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 62.0831, 59.8618, 73.9280 by changing the saturation by 10% instead.

62.0831, 59.8618,
73.9280

62.0831, 59.8618,
73.9280

421.9469,
424.0882, 493.3816

45.3557, 43.3073,
54.2387

106.9349,
104.6292, 126.5268

31.9402, 30.1263,
38.3980

135.7900,
133.6108, 160.2734

21.4711, 19.9344,
25.9875

169.4184,
167.5035, 199.5429

13.5832, 12.3474,
16.5886

208.1854,
206.6918, 244.7537

7.9111, 6.9807,
9.7828

252.4564,
251.5600, 296.3244

4.0895, 3.4501,
5.1515

302.5967,

1.7529, 1.3710,

302.4926, 354.6736

2.2761

358.9718,
359.8738, 420.2198

■ 0.4890, 0.1952,
0.7178

■ 0.0000, 0.0000,
0.0000

■ 62.0831, 59.8618,
73.9280

■ 62.0831, 59.8618,
73.9280

■ 57.0062, 50.4355,
69.9910

■ 67.9076, 70.7657,
78.1643

■ 52.6397, 42.4151,
66.3384

■ 74.5044, 83.1995,
82.7062

■ 48.9508, 35.7345,
62.9598

■ 79.5288, 92.4722,
86.7732

■ 45.9024, 30.3192,
59.8423

■ 80.0238, 92.6702,
89.3800

43.4534, 26.0874,
56.9721

80.5289, 92.8723,
92.0399

41.5582, 22.9479,
54.3336

81.0442, 93.0784,
94.7533

40.1643, 20.7960,
51.9091

81.5697, 93.2886,
97.5205

39.2093, 19.5065,
49.6773

82.1055, 93.5029,
100.3418

38.6434, 18.9020,
47.8634

82.6516, 93.7213,
103.2175

Harmonies

Analogous

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



59.8441, 59.8618, 80.7494



62.0831, 59.8618, 73.9280



62.9231, 59.8618, 65.2285

Triad

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



62.0831, 59.8618, 73.9280



56.9140, 59.8618, 49.8792



51.9916, 59.8618, 73.8354

Complementary

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



62.0831, 59.8618, 73.9280



59.0490, 67.6204, 64.5866

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.



51.2682, 59.8618, 65.1302



62.0831, 59.8618, 73.9280



54.0480, 59.8618, 51.7516

Square

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



62.0831, 59.8618, 73.9280



59.8748, 59.8618, 51.7938



52.0078, 59.8618, 57.1496



54.0193, 59.8618, 80.6927

Rectangle

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



62.0831, 59.8618, 73.9280



62.5544, 59.8618, 59.6818



52.0078, 59.8618, 57.1496



51.5911, 59.8618, 71.0044

Sweetspot

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



62.0848, 59.8644, 73.9293



92.4614, 95.1372, 107.0679



56.5464, 56.9484, 76.4193



19.6460, 20.0921, 22.8135



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.



62.0848, 59.8644, 73.9293



83.7936, 78.9372, 100.6776



60.5500, 59.2505, 65.8471



13.5202, 13.2372, 16.0006



22.4834, 10.9944, 27.9895



1.4811, 0.7221, 1.9423

Inverse Universe

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



62.0848, 59.8644, 73.9293



83.7936, 78.9372, 100.6776



60.5387, 68.2163, 72.4309



13.5202, 13.2372, 16.0006



22.4834, 10.9944, 27.9895



1.4811, 0.7221, 1.9423

Previews

White Background



This preview shows how the XYZ color 62.0831, 59.8618, 73.9280 looks on a white background.

Color Contrast Check

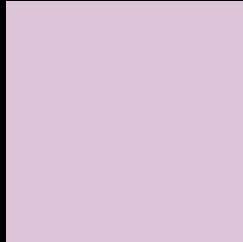
Large Text (above 18pt) WCAG AA × Fail

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 62.0831, 59.8618, 73.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

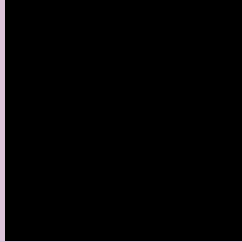
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0831, 59.8618, 73.9280

Background



This preview shows how black text looks on a background with the XYZ color 62.0831, 59.8618, 73.9280.



This preview shows how white text looks on a background with the XYZ color 62.0831, 59.8618,

73.9280.

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

62.0831, 59.8618, 73.9280

Protanopia

58.5288, 60.0181, 76.9065

Deuteranopia

61.1059, 59.6940, 73.9471



Tritanopia

61.3651, 59.9016, 70.6152

Trichromacy



Original Color

62.0831, 59.8618, 73.9280

Protanomaly

59.8670, 60.0312, 76.1420

Deuteranomaly

61.4041, 59.8477, 73.9611

Tritanomaly

61.6191, 60.0032, 71.9524

Monochromacy



Original Color

62.0831, 59.8618, 73.9280

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6174, 60.7431, 69.5552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0831, 59.8618, 73.9280 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, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 217)  
}
```

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, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 217) }
```

Border

The CSS property to change the border of an element to XYZ 62.0831, 59.8618, 73.9280 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, 196, 217) }
```


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

```
.border{ border-color:rgb(221, 196, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 196, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 196, 217); box-shadow:4px 4px 4px 4px rgb(221, 196, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0831, 59.8618, 73.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 217) }
```

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

```
.background{ background-color: rgb(221,  
196, 217) }
```

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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