

Converting Colors

XYZ(63.9123, 62.3394, 70.1610)

Have a look what the booklet for
XYZ(63.9123, 62.3394, 70.1610)
contains.

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Color

**XYZ(63.7762, 62.1805,
70.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C8D3
RGB	226, 200, 211
RGB Percent	89%, 78%, 83%
CMY	0.1137, 0.2157, 0.1725
CMYK	0.00, 0.12, 0.07, 0.11
HSL	335°, 31%, 84%
HSV	335°, 12%, 89%
XYZ	63.7762, 62.1805, 70.2687
YIQ	209.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

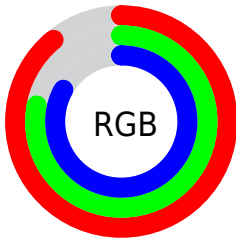
Format	Color
R _Y B	226, 200, 211
Decimal	14862547
CIE Lab	83.01, 10.97, -2.13
CIE LCh	83, 11.174, 349.017
Yxy	62.1805, 0.3250, 0.3169
Android (android.graphics.Color)	4293052627 (0xFFE2C8D3)
YUV	209.0280, 0.9722, 14.8844
Hunter-Lab	78.8546, 6.3720, 2.3639

Details

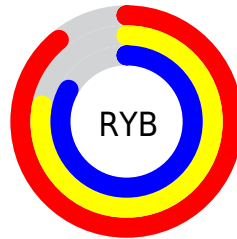
The XYZ color **63.7762, 62.1805, 70.2687** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2839, 71.5800, 74.7744**, and the grayscale version is **60.6125, 63.7691, 69.4445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1593, 31.6500, 36.2597** is the 20% darker color. If you saturate the color by 10%, you get **57.3552, 51.8490, 60.3874**, and if you desaturate by 10%, it is **71.1070, 74.1178, 81.1092**.

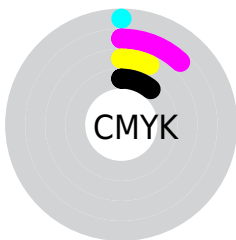
Distribution



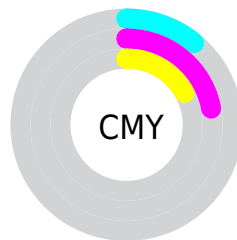
- Red (89%)
- Green (78%)
- Blue (83%)



- Red (89%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7762, 62.1805, 70.2687 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 63.7762, 62.1805, 70.2687 by changing the saturation by 10% instead.

63.7762, 62.1805,
70.2687

63.7762, 62.1805,
70.2687

427.9960,
432.5892, 480.3075

46.7304, 45.1786,
51.2675

109.3641,
107.9864, 121.2766

33.0297, 31.5981,
36.0433

138.6370,
137.5591, 154.1203

22.3085, 21.0547,
24.1777

172.7162,
172.0908, 192.4152

14.2016, 13.1640,
15.2521

211.9672,
211.9660, 236.5800

8.3437, 7.5416,
8.8479

256.7554,
257.5691, 287.0330

4.3693, 3.8030,
4.5466

307.4460,

1.9131, 1.5640,

309.2844, 344.1929

1.9298

364.4044,
367.4963, 408.4782

■ 0.5844, 0.3331,
0.5116

■ 0.0000, 0.0000,
0.0000

■ 63.7762, 62.1805,
70.2687

■ 63.7762, 62.1805,
70.2687

■ 57.3552, 51.8490,
60.3874

■ 71.1070, 74.1178,
81.1092

■ 51.8019, 43.0463,
51.4334

■ 79.3772, 87.7175,
92.9314

■ 47.0784, 35.7011,
43.3790

■ 84.3990, 94.5988,
104.3546

■ 43.1419, 29.7334,
36.1932

■ 85.1744, 94.9089,
108.4378

■ 39.9457, 25.0552,
29.8430

■ 37.4377, 21.5683,
24.2929

■ 35.5585, 19.1603,
19.5039

■ 34.2376, 17.6964,
15.4324

■ 33.4572, 17.0060,
12.4883

Harmonies

Analogous

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



62.6750, 62.1805, 76.8033



63.7762, 62.1805, 70.2687



63.5993, 62.1805, 63.4634

Triad

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



63.7762, 62.1805, 70.2687



57.6008, 62.1805, 55.8961



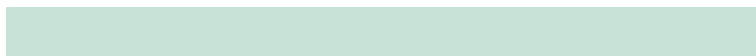
56.1081, 62.1805, 78.2449

Complementary

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



63.7762, 62.1805, 70.2687



63.2839, 71.5800, 74.7744

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.



54.8194, 62.1805, 72.1294



63.7762, 62.1805, 70.2687



55.6650, 62.1805, 59.3534

Square

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



63.7762, 62.1805, 70.2687



59.9896, 62.1805, 55.4728



54.6595, 62.1805, 65.2025



58.2207, 62.1805, 81.6126

Rectangle

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



63.7762, 62.1805, 70.2687



62.7815, 62.1805, 59.6740



54.6595, 62.1805, 65.2025



55.5666, 62.1805, 76.4238

Sweetspot

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



63.7780, 62.1832, 70.2700



91.9553, 94.9347, 104.4026



62.3301, 61.2093, 80.4818



19.5093, 20.0374, 22.0934



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.



63.7780, 62.1832, 70.2700



81.5588, 78.0433, 88.9094



62.8496, 62.4578, 63.3899



13.9466, 13.7963, 15.4890



19.1436, 9.7244, 7.4220



1.3710, 0.6917, 0.7464

Inverse Universe

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



63.7780, 62.1832, 70.2700



81.5588, 78.0433, 88.9094



64.2763, 71.2267, 82.3127



13.9466, 13.7963, 15.4890



19.1436, 9.7244, 7.4220



1.3710, 0.6917, 0.7464

Previews

White Background



This preview shows how the XYZ color 63.7762, 62.1805, 70.2687 looks on a white background.

Color Contrast Check

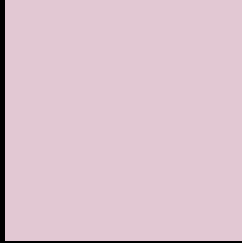
Large Text (above 18pt) WCAG AA × Fail

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 63.7762, 62.1805, 70.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

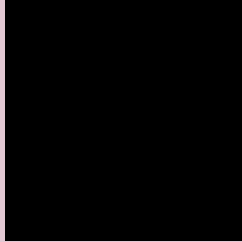
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7762, 62.1805, 70.2687

Background



This preview shows how black text looks on a background with the XYZ color 63.7762, 62.1805, 70.2687.



This preview shows how white text looks on a background with the XYZ color 63.7762, 62.1805,

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

63.7762, 62.1805, 70.2687

Protanopia

60.2213, 62.4075, 72.4902

Deuteranopia

63.4635, 62.0193, 70.2540



Tritanopia

64.3677, 62.0840, 72.8809

Trichromacy



Original Color

63.7762, 62.1805, 70.2687

Protanomaly

61.6274, 62.4369, 71.7542

Deuteranomaly

63.4635, 62.0193, 70.2540

Tritanomaly

64.2396, 62.0328, 72.2061

Monochromacy



Original Color

63.7762, 62.1805, 70.2687

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.7285, 63.2428, 69.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7762, 62.1805, 70.2687 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(226, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 200, 211)  
}
```

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(226, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 200, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.7762, 62.1805, 70.2687 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(226, 200, 211) }
```


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

```
.border{ border-color:rgb(226, 200, 211) }
```

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

Here you see how a box with a 4 pixel rgb(226, 200, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 200,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7762, 62.1805, 70.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 200, 211) }
```

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

```
.background{ background-color: rgb(226,  
200, 211) }
```

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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