

Converting Colors

XYZ(64.2215, 62.7974, 69.4103)

Have a look what the booklet for
XYZ(64.2215, 62.7974, 69.4103)
contains.

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Color

**XYZ(64.1981, 62.7573,
69.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C9D2
RGB	227, 201, 210
RGB Percent	89%, 79%, 82%
CMY	0.1098, 0.2117, 0.1765
CMYK	0.00, 0.11, 0.07, 0.11
HSL	339°, 32%, 84%
HSV	339°, 11%, 89%
XYZ	64.1981, 62.7573, 69.7025
YIQ	209.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

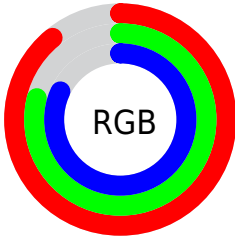
Format	Color
R _Y B	227, 201, 210
Decimal	14928338
CIE Lab	83.31, 10.62, -1.14
CIE LCh	83, 10.678, 353.886
Yxy	62.7573, 0.3264, 0.3191
Android (android.graphics.Color)	4293118418 (0xFFE3C9D2)
YUV	209.8000, 0.0986, 15.0844
Hunter-Lab	79.2195, 6.0191, 3.2864

Details

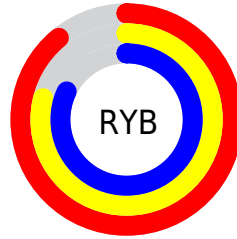
The XYZ color **64.1981, 62.7573, 69.7025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2138, 72.4194, 76.9272**, and the grayscale version is **61.1225, 64.3056, 70.0288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4477, 32.0384, 35.8736** is the 20% darker color. If you saturate the color by 10%, you get **57.5282, 52.2407, 58.7741**, and if you desaturate by 10%, it is **71.8251, 74.9120, 81.7979**.

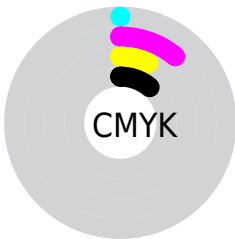
Distribution



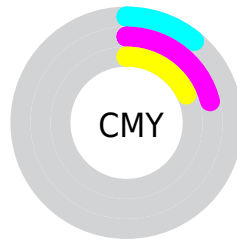
- Red (89%)
- Green (79%)
- Blue (82%)



- Red (89%)
- Yellow (79%)
- Blue (82%)



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



- Cyan (11%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1981, 62.7573, 69.7025 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 64.1981, 62.7573, 69.7025 by changing the saturation by 10% instead.

64.1981, 62.7573,
69.7025

64.1981, 62.7573,
69.7025

429.4956,
434.6881, 478.2656

47.0734, 45.6449,
50.8087

109.9683,
108.8193, 120.4615

33.3019, 31.9657,
35.6807

139.3446,
138.5377, 153.1639

22.5182, 21.3353,
23.9000

173.5354,
173.2268, 191.3062

14.3569, 13.3693,
15.0479

212.9062,
213.2712, 235.3069

8.4526, 7.6833,
8.7060

257.8222,
259.0551, 285.5847

4.4401, 3.8930,
4.4558

308.6489,

1.9540, 1.6139,

310.9629, 342.5581

1.8786

365.7515,
369.3792, 406.6455

■ 0.6079, 0.3669,
0.4790

■ 0.0000, 0.0000,
0.0000

■ 64.1981, 62.7573,
69.7025

■ 64.1981, 62.7573,
69.7025

■ 57.5282, 52.2407,
58.7741

■ 71.8251, 74.9120,
81.7979

■ 51.7713, 43.2837,
48.9728

■ 80.4405, 88.7625,
95.0905

■ 46.8877, 35.8138,
40.2623

■ 85.4142, 95.0412,
108.0590

■ 42.8323, 29.7493,
32.6025

■ 85.4890, 95.0711,
108.4526

■ 39.5564, 25.0008,
25.9507

■ 37.0052, 21.4681,
20.2611

■ 35.1168, 19.0369,
15.4835

■ 33.8176, 17.5702,
11.5618

■ 33.0741, 16.8892,
8.8292

Harmonies

Analogous

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



63.3280, 62.7573, 76.1467



64.1981, 62.7573, 69.7025



63.8240, 62.7573, 63.2853

Triad

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



64.1981, 62.7573, 69.7025



57.8597, 62.7573, 57.2974



57.0566, 62.7573, 79.1880

Complementary

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



64.1981, 62.7573, 69.7025



64.2138, 72.4194, 76.9272

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.



55.6600, 62.7573, 73.6401



64.1981, 62.7573, 69.7025



56.1152, 62.7573, 61.0712

Square

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



64.1981, 62.7573, 69.7025



60.1256, 62.7573, 56.3932



55.3199, 62.7573, 66.9796



59.1748, 62.7573, 81.8471

Rectangle

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



64.1981, 62.7573, 69.7025



62.9241, 62.7573, 59.8478



55.3199, 62.7573, 66.9796



56.4895, 62.7573, 77.5825

Sweetspot

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



64.1999, 62.7601, 69.7038



91.8628, 94.8978, 103.9157



63.6375, 62.2123, 81.3282



19.4843, 20.0274, 21.9622



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.



64.1999, 62.7601, 69.7038



81.1663, 77.8863, 86.8423



64.0307, 64.1655, 64.2720



14.5819, 14.4499, 15.9984



19.3383, 9.8695, 5.4103



1.4716, 0.7463, 0.6238

Inverse Universe

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



64.1999, 62.7601, 69.7038



81.1663, 77.8863, 86.8423



64.3691, 70.7942, 82.9461



14.5819, 14.4499, 15.9984



19.3383, 9.8695, 5.4103



1.4716, 0.7463, 0.6238

Previews

White Background



This preview shows how the XYZ color 64.1981, 62.7573, 69.7025 looks on a white background.

Color Contrast Check

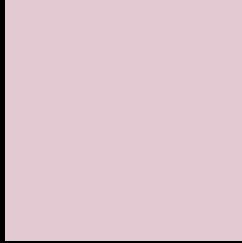
Large Text (above 18pt) WCAG AA × Fail

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 64.1981, 62.7573, 69.7025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

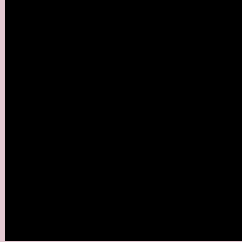
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1981, 62.7573, 69.7025

Background



This preview shows how black text looks on a background with the XYZ color 64.1981, 62.7573, 69.7025.



This preview shows how white text looks on a background with the XYZ color 64.1981, 62.7573,

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

64.1981, 62.7573, 69.7025

Protanopia

60.9014, 63.1314, 71.9265

Deuteranopia

64.1981, 62.7573, 69.7025



Tritanopia

65.0439, 62.7604, 73.6515

Trichromacy



Original Color

64.1981, 62.7573, 69.7025

Protanomaly

62.0339, 63.0150, 71.1809

Deuteranomaly

64.1981, 62.7573, 69.7025

Tritanomaly

64.7868, 62.6576, 72.2978

Monochromacy



Original Color

64.1981, 62.7573, 69.7025

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2646, 63.8777, 70.0207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1981, 62.7573, 69.7025 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(227, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 210)  
}
```

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(227, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 210) }
```

Border

The CSS property to change the border of an element to XYZ 64.1981, 62.7573, 69.7025 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(227, 201, 210) }
```


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

```
.border{ border-color:rgb(227, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1981, 62.7573, 69.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 210) }
```

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

```
.background{ background-color: rgb(227,  
201, 210) }
```

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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