

Converting Colors

XYZ(64.5755, 63.9490, 72.4362)

Have a look what the booklet for
XYZ(64.5755, 63.9490, 72.4362)
contains.

| | |
|--|----|
| XYZ(64.4709, 63.8881, 72.5520) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(64.4709, 63.8881,
72.5520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0CCD6 |
| RGB | 224, 204, 214 |
| RGB Percent | 88%, 80%, 84% |
| CMY | 0.1216, 0.2000, 0.1608 |
| CMYK | 0.00, 0.09, 0.04, 0.12 |
| HSL | 330°, 24%, 84% |
| HSV | 330°, 9%, 88% |
| XYZ | 64.4709, 63.8881, 72.5520 |
| YIQ | 211.1200, 8.7100, 7.3500 |

Conversions

Conversions Part 2

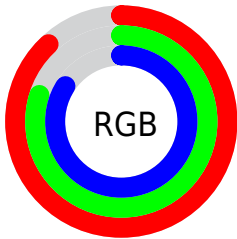
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 224, 204, 214 |
| Decimal | 14732502 |
| CIE Lab | 83.91, 8.68, -2.43 |
| CIE LCh | 84, 9.016, 344.349 |
| Yxy | 63.8881, 0.3209, 0.3180 |
| Android (android.graphics.Color) | 4292922582 (0xFFE0CCD6) |
| YUV | 211.1200, 1.4198, 11.2958 |
| Hunter-Lab | 79.9300, 4.0991, 2.1339 |

Details

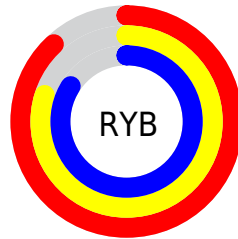
The XYZ color **64.4709, 63.8881, 72.5520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6975, 71.0053, 73.9699**, and the grayscale version is **61.9846, 65.2126, 71.0165**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5265, 32.7509, 37.3554** is the 20% darker color. If you saturate the color by 10%, you get **58.1436, 53.4442, 63.6259**, and if you desaturate by 10%, it is **71.6659, 75.9083, 82.2544**.

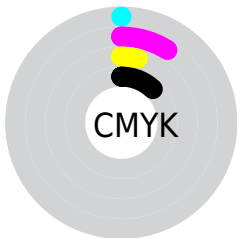
Distribution



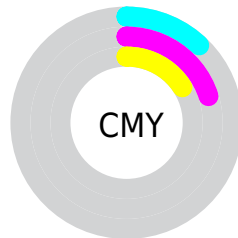
- Red (88%)
- Green (80%)
- Blue (84%)



- Red (88%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4709, 63.8881, 72.5520 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 64.4709, 63.8881, 72.5520 by changing the saturation by 10% instead.

64.4709, 63.8881,
72.5520

64.4709, 63.8881,
72.5520

430.4635,
438.7854, 488.4897

47.2953, 46.5600,
53.1201

110.3588,
110.4498, 124.5560

33.4781, 32.6880,
37.5103

139.8018,
140.4522, 157.9652

22.6539, 21.8875,
25.3040

174.0646,
175.4481, 196.8707

14.4575, 13.7743,
16.0826

213.5126,
215.8221, 241.6908

8.5233, 7.9638,
9.4276

258.5111,
261.9584, 292.8443

4.4862, 4.0718,
4.9205

309.4255,

1.9807, 1.7138,

314.2415, 350.7496

2.1428

366.6212,
373.0557, 415.8252

■ 0.6231, 0.4326,
0.6411

■ 0.0000, 0.0000,
0.0000

■ 64.4709, 63.8881,
72.5520

■ 64.4709, 63.8881,
72.5520

■ 58.1436, 53.4442,
63.6259

■ 71.6659, 75.9083,
82.2544

■ 52.6441, 44.5023,
55.4507

■ 79.7558, 89.5585,
92.7491

■ 47.9373, 36.9948,
48.0055

■ 83.3832, 94.1204,
102.2604

■ 43.9835, 30.8455,
41.2668

■ 84.5508, 94.5875,
108.4086

■ 40.7391, 25.9709,
35.2094

■ 38.1562, 22.2785,
29.8061

■ 36.1801, 19.6627,
25.0273

■ 34.7467, 17.9994,
20.8395

■ 33.7578, 17.0960,
17.1974

Harmonies

Analogous

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



63.4290, 63.8881, 77.6705



64.4709, 63.8881, 72.5520



64.4943, 63.8881, 66.8913

Triad

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



64.4709, 63.8881, 72.5520



59.7834, 63.8881, 59.5084



58.0369, 63.8881, 77.4816

Complementary

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



64.4709, 63.8881, 72.5520



63.6975, 71.0053, 73.9699

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.



57.1031, 63.8881, 72.3055



64.4709, 63.8881, 72.5520



58.0964, 63.8881, 62.0408

Square

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



64.4709, 63.8881, 72.5520



61.7585, 63.8881, 59.5663



57.1246, 63.8881, 66.6578



59.7005, 63.8881, 80.6205

Rectangle

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



64.4709, 63.8881, 72.5520



63.9274, 63.8881, 63.5804



57.1246, 63.8881, 66.6578



57.6289, 63.8881, 75.9102

Sweetspot

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



64.4727, 63.8909, 72.5534



92.0480, 94.9718, 104.8909



62.7813, 62.8668, 79.3473



19.5343, 20.0474, 22.2251



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.



64.4727, 63.8909, 72.5534



84.5685, 82.5200, 94.6682



63.2347, 63.3957, 66.0339



13.9916, 13.8143, 15.7258



19.6529, 9.9282, 10.1041



1.4074, 0.7062, 0.9384

Inverse Universe

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



64.4727, 63.8909, 72.5534



84.5685, 82.5200, 94.6682



65.0139, 71.5319, 80.9022



13.9916, 13.8143, 15.7258



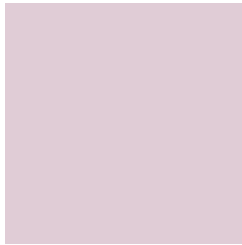
19.6529, 9.9282, 10.1041



1.4074, 0.7062, 0.9384

Previews

White Background



This preview shows how the XYZ color 64.4709, 63.8881, 72.5520 looks on a white background.

Color Contrast Check

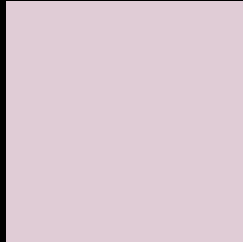
Large Text (above 18pt) WCAG AA × Fail

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 64.4709, 63.8881, 72.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

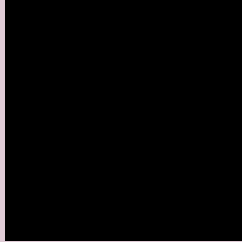
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4709, 63.8881, 72.5520

Background



This preview shows how black text looks on a background with the XYZ color 64.4709, 63.8881, 72.5520.



This preview shows how white text looks on a background with the XYZ color 64.4709, 63.8881,

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

64.4709, 63.8881, 72.5520

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

65.1721, 63.8978, 72.5169



Tritanopia

65.1935, 63.8339, 75.9029

Trichromacy



Original Color

64.4709, 63.8881, 72.5520

Protanomaly

62.8975, 64.1309, 73.3534

Deuteranomaly

64.8576, 63.7357, 72.5022

Tritanomaly

64.9317, 63.7292, 74.5243

Monochromacy



Original Color

64.4709, 63.8881, 72.5520

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7584, 64.4641, 71.4225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4709, 63.8881, 72.5520 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(224, 204, 214) looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 214)  
}
```

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(224, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.4709, 63.8881, 72.5520 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(224, 204, 214) }
```


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

```
.border{ border-color:rgb(224, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4709, 63.8881, 72.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 214) }
```

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

```
.background{ background-color: rgb(224,  
204, 214) }
```

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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