

Converting Colors

XYZ(64.8246, 64.7824, 72.6887)

Have a look what the booklet for
XYZ(64.8246, 64.7824, 72.6887)
contains.

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Color

**XYZ(64.9494, 64.8449,
72.7115)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CED6
RGB	224, 206, 214
RGB Percent	88%, 81%, 84%
CMY	0.1216, 0.1921, 0.1608
CMYK	0.00, 0.08, 0.04, 0.12
HSL	333°, 22%, 84%
HSV	333°, 8%, 88%
XYZ	64.9494, 64.8449, 72.7115
YIQ	212.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

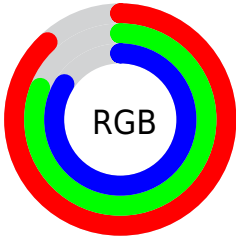
Format	Color
R_{YB}	224, 206, 214
Decimal	14733014
CIE Lab	84.40, 7.63, -1.70
CIE LCh	84, 7.815, 347.401
Yxy	64.8449, 0.3207, 0.3202
Android (android.graphics.Color)	4292923094 (0xFFE0CED6)
YUV	212.2940, 0.8411, 10.2662
Hunter-Lab	80.5263, 3.0501, 2.8323

Details

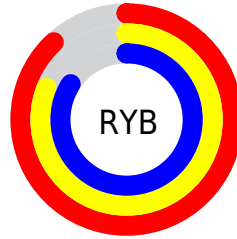
The XYZ color **64.9494, 64.8449, 72.7115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5064, 71.3928, 75.3495**, and the grayscale version is **62.7672, 66.0359, 71.9131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8484, 33.3947, 37.4627** is the 20% darker color. If you saturate the color by 10%, you get **58.4074, 54.2078, 62.9857**, and if you desaturate by 10%, it is **72.3851, 77.0732, 83.3361**.

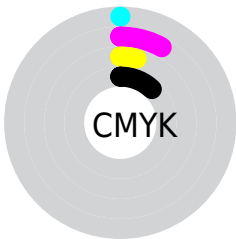
Distribution



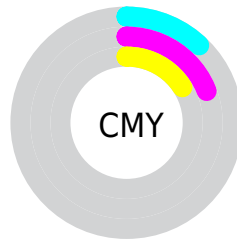
- Red (88%)
- Green (81%)
- Blue (84%)



- Red (88%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9494, 64.8449, 72.7115 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 64.9494, 64.8449, 72.7115 by changing the saturation by 10% instead.

64.9494, 64.8449,
72.7115

64.9494, 64.8449,
72.7115

432.1582,
442.2344, 489.0583

47.6846, 47.3353,
53.2497

111.0432,
111.8268, 124.7847

33.7874, 33.3008,
37.6131

140.6030,
142.0680, 158.2331

22.8924, 22.3570,
25.3830

174.9917,
177.3218, 197.1809

14.6344, 14.1194,
16.1410

214.5748,
217.9727, 242.0465

8.6478, 8.2038,
9.4686

259.7177,
264.4049, 293.2485

4.5674, 4.2256,
4.9471

310.7856,

2.0279, 1.8006,

317.0031, 351.2055

2.1581

368.1440,
376.1514, 416.3359

■ 0.6496, 0.4875,
0.6500

■ 0.0000, 0.0000,
0.0000

■ 64.9494, 64.8449,
72.7115

■ 64.9494, 64.8449,
72.7115

■ 58.4074, 54.2078,
62.9857

■ 72.3851, 77.0732,
83.3361

■ 52.7186, 45.0877,
54.1295

■ 80.7419, 90.9462,
94.8793

■ 47.8473, 37.4171,
46.1182

■ 83.9676, 94.3542,
105.3367

■ 43.7532, 31.1198,
38.9238

■ 84.5509, 94.5875,
108.4087

■ 40.3924, 26.1131,
32.5170

■ 37.7164, 22.3047,
26.8660

■ 35.6702, 19.5902,
21.9364

■ 34.1899, 17.8470,
17.6897

■ 33.1859, 16.9020,
14.0781

Harmonies

Analogous

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



64.1237, 64.8449, 77.2773



64.9494, 64.8449, 72.7115



64.8745, 64.8449, 67.7838

Triad

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



64.9494, 64.8449, 72.7115



60.6400, 64.8449, 61.8678



59.4007, 64.8449, 77.8805

Complementary

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



64.9494, 64.8449, 72.7115



64.5064, 71.3928, 75.3495

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.



58.5016, 64.8449, 73.5035



64.9494, 64.8449, 72.7115



59.2079, 64.8449, 64.3284

Square

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



64.9494, 64.8449, 72.7115



62.3643, 64.8449, 61.6781



58.4317, 64.8449, 68.5397



60.9077, 64.8449, 80.3544

Rectangle

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



64.9494, 64.8449, 72.7115



64.3238, 64.8449, 64.9548



58.4317, 64.8449, 68.5397



59.0186, 64.8449, 76.5739

Sweetspot

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



64.9512, 64.8477, 72.7129



92.9916, 96.6079, 105.9795



63.8176, 64.1112, 79.5332



19.9256, 20.7136, 22.7147



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.



64.9512, 64.8477, 72.7129



85.2497, 83.9165, 94.7908



64.1719, 64.8836, 67.5374



13.9590, 13.8012, 15.5544



19.2748, 9.7769, 8.1130



1.3806, 0.6955, 0.7969

Inverse Universe

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



64.9512, 64.8477, 72.7129



85.2497, 83.9165, 94.7908



65.3246, 71.3341, 80.8479



13.9590, 13.8012, 15.5544



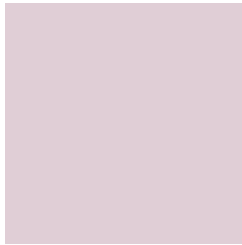
19.2748, 9.7769, 8.1130



1.3806, 0.6955, 0.7969

Previews

White Background



This preview shows how the XYZ color 64.9494, 64.8449, 72.7115 looks on a white background.

Color Contrast Check

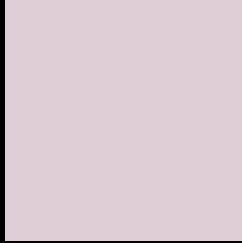
Large Text (above 18pt) WCAG AA × Fail

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 64.9494, 64.8449, 72.7115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

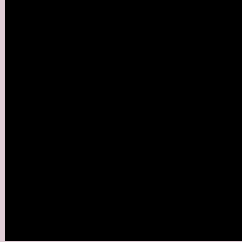
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9494, 64.8449, 72.7115

Background



This preview shows how black text looks on a background with the XYZ color 64.9494, 64.8449, 72.7115.



This preview shows how white text looks on a background with the XYZ color 64.9494, 64.8449,

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

64.9494, 64.8449, 72.7115

Protanopia

62.8818, 65.1972, 74.2358

Deuteranopia

66.0436, 64.6988, 72.6256



Tritanopia

65.9338, 64.8907, 77.4567

Trichromacy



Original Color

64.9494, 64.8449, 72.7115

Protanomaly

63.6815, 65.2589, 73.5298

Deuteranomaly

65.6475, 64.8486, 72.6754

Tritanomaly

65.5375, 64.7322, 75.3700

Monochromacy



Original Color

64.9494, 64.8449, 72.7115

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3757, 65.4962, 72.2526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9494, 64.8449, 72.7115 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, 206, 214)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 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, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.9494, 64.8449, 72.7115 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, 206, 214) }
```


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

```
.border{ border-color:rgb(224, 206, 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, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9494, 64.8449, 72.7115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 214) }
```

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

```
.background{ background-color: rgb(224,  
206, 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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