

Converting Colors

XYZ(72.3702, 73.9352, 84.9101)

Have a look what the booklet for
XYZ(72.3702, 73.9352, 84.9101)
contains.

| | |
|--|----|
| XYZ(72.3124, 74.0281, 84.6063) | 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(72.3124, 74.0281,
84.6063)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5DDE5 |
| RGB | 229, 221, 229 |
| RGB Percent | 90%, 87%, 90% |
| CMY | 0.1020, 0.1333, 0.1020 |
| CMYK | 0.00, 0.03, 0.00, 0.10 |
| HSL | 300°, 13%, 88% |
| HSV | 300°, 3%, 90% |
| XYZ | 72.3124, 74.0281, 84.6063 |
| YIQ | 224.3040, 2.2000, 4.1840 |

Conversions

Conversions Part 2

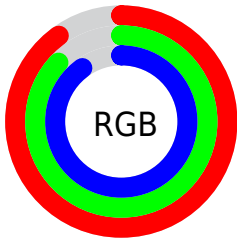
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 229, 221, 229 |
| Decimal | 15064549 |
| CIE Lab | 88.94, 4.14, -2.95 |
| CIE LCh | 89, 5.083, 324.577 |
| Yxy | 74.0281, 0.3131, 0.3205 |
| Android (android.graphics.Color) | 4293254629 (0xFFE5DDE5) |
| YUV | 224.3040, 2.3151, 4.1184 |
| Hunter-Lab | 86.0396, -0.5481, 1.9254 |

Details

The XYZ color **72.3124, 74.0281, 84.6063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8921, 76.6332, 79.4657**, and the grayscale version is **71.0536, 74.7539, 81.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7318, 39.3271, 45.5939** is the 20% darker color. If you saturate the color by 10%, you get **66.6747, 62.7518, 82.7280**, and if you desaturate by 10%, it is **78.7790, 86.9601, 86.7627**.

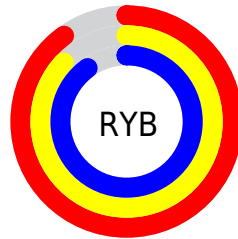
Distribution



Red (90%)

Green (87%)

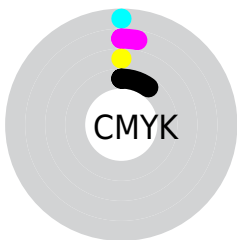
Blue (90%)



Red (90%)

Yellow (87%)

Blue (90%)

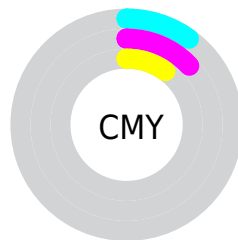


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3124, 74.0281, 84.6063 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 72.3124, 74.0281, 84.6063 by changing the saturation by 10% instead.

■ 72.3124, 74.0281,
84.6063

■ 72.3124, 74.0281,
84.6063

457.7690,
474.5703, 530.4350

■ 53.7003, 54.8170,
62.9679

121.5090,
124.9356, 141.6923

■ 38.5918, 39.2553,
45.3744

152.8242,
157.4009, 177.9769

■ 26.6216, 26.9584,
31.4073

189.1044,
195.0530, 219.9806

■ 17.4244, 17.5420,
20.6481

230.7151,
238.2764, 268.1220

■ 10.6347, 10.6216,
12.6783

278.0215,
287.4554, 322.8196

■ 5.8872, 5.8130,
7.0793

331.3890,

■ 2.8166, 2.7317,

342.9745, 384.4919

3.4325

391.1831,
405.2180, 453.5575

■ 1.0576, 0.9933,
1.3195

■ 0.0000, 0.0000,
0.0777

■ 72.3124, 74.0281,
84.6063

■ 72.3124, 74.0281,
84.6063

■ 66.6747, 62.7518,
82.7280

■ 78.7790, 86.9601,
86.7627

■ 61.8264, 53.0553,
81.1119

■ 82.2168, 93.8355,
87.9086

■ 57.7342, 44.8710,
79.7479

■ 82.2168, 93.8356,
87.9086

■ 54.3600, 38.1227,
78.6232

■ 82.2169, 93.8356,
87.9086

51.6625, 32.7277,
77.7240

82.2170, 93.8357,
87.9086

49.5959, 28.5947,
77.0352

82.2170, 93.8357,
87.9086

48.1091, 25.6212,
76.5396

82.2171, 93.8357,
87.9086

47.1429, 23.6889,
76.2175

82.2172, 93.8358,
87.9086

46.6254, 22.6541,
76.0451

82.2173, 93.8358,
87.9086

Harmonies

Analogous

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



71.3528, 74.0281, 86.9417



72.3124, 74.0281, 84.6063



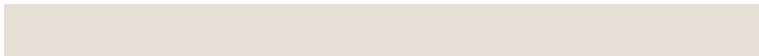
72.7497, 74.0281, 81.2478

Triad

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



72.3124, 74.0281, 84.6063



70.5859, 74.0281, 74.0279



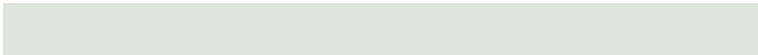
68.2261, 74.0281, 83.4629

Complementary

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



72.3124, 74.0281, 84.6063



70.8921, 76.6332, 79.4657

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.



68.0262, 74.0281, 79.9637



72.3124, 74.0281, 84.6063



69.3794, 74.0281, 74.5821

Square

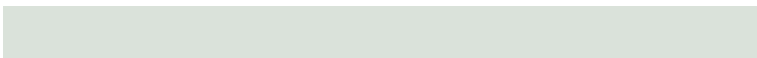
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



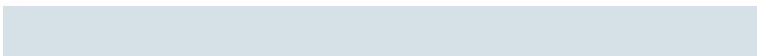
72.3124, 74.0281, 84.6063



71.7454, 74.0281, 75.1934



68.4460, 74.0281, 76.7300



68.9955, 74.0281, 86.2681

Rectangle

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



72.3124, 74.0281, 84.6063



72.6824, 74.0281, 78.9061



68.4460, 74.0281, 76.7300



68.0905, 74.0281, 82.3261

Sweetspot

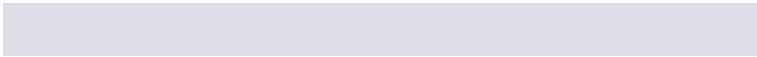
The Sweet Spot groups the original color and five complimentary colors.



72.3145, 74.0313, 84.6079



94.2419, 98.3838, 108.6306



69.8566, 72.8165, 84.5030



20.1802, 21.0752, 23.2543



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.



72.3145, 74.0313, 84.6079



91.8819, 93.6638, 107.8440



71.7808, 73.8178, 81.7970



15.5875, 15.7999, 18.3725



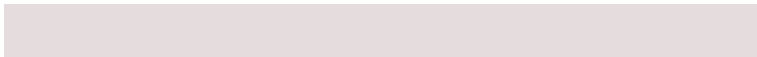
26.5608, 12.7585, 43.4459



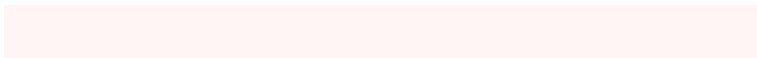
1.9628, 0.9428, 3.2105

Inverse Universe

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



71.2234, 73.5948, 78.8619



90.2829, 93.0242, 99.4233



71.4131, 76.8416, 82.2094



15.2684, 15.6723, 16.6919



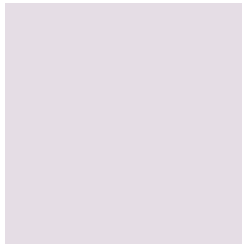
18.4751, 9.5242, 0.8647



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 72.3124, 74.0281, 84.6063 looks on a white background.

Color Contrast Check

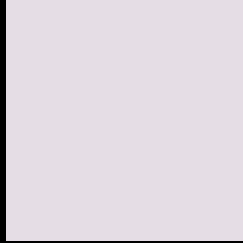
Large Text (above 18pt) WCAG AA × Fail

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 72.3124, 74.0281, 84.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

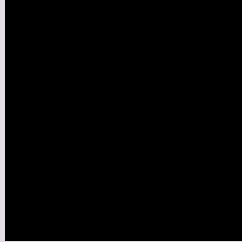
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

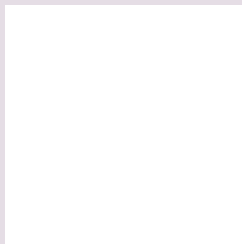
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3124, 74.0281, 84.6063

Background



This preview shows how black text looks on a background with the XYZ color 72.3124, 74.0281, 84.6063.

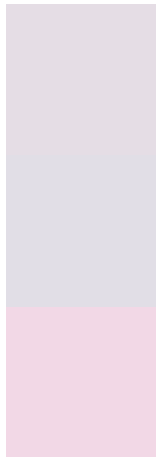


This preview shows how white text looks on a background with the XYZ color 72.3124, 74.0281,

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

72.3124, 74.0281, 84.6063

Protanopia

71.4555, 73.9633, 85.3731

Deuteranopia

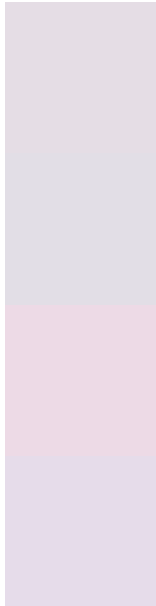
75.4567, 73.7022, 85.1118



Tritanopia

73.5124, 74.1238, 90.5536

Trichromacy



Original Color

72.3124, 74.0281, 84.6063

Protanomaly

71.7682, 74.1245, 85.3878

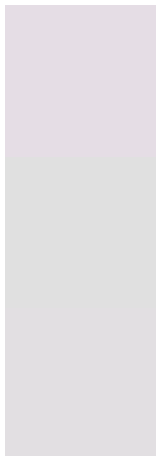
Deuteranomaly

74.2794, 73.8605, 85.2045

Tritanomaly

73.0776, 73.9499, 88.2641

Monochromacy



Original Color

72.3124, 74.0281, 84.6063

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4792, 74.4351, 82.5516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3124, 74.0281, 84.6063 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(229, 221, 229) looks like.

```
.text, #text, p{  
    color:rgb(229, 221, 229)  
}
```

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(229, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 221, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.3124, 74.0281, 84.6063 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(229, 221, 229) }
```


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

```
.border{ border-color:rgb(229, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 221, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 221, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 221,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3124, 74.0281, 84.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 221, 229) }
```

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

```
.background{ background-color: rgb(229,  
221, 229) }
```

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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