

Converting Colors

XYZ(71.5499, 72.4401, 84.0288)

Have a look what the booklet for
XYZ(71.5499, 72.4401, 84.0288)
contains.

XYZ(71.5274, 72.4580, 84.3446)	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(71.5274, 72.4580,
84.3446)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DAE5
RGB	229, 218, 229
RGB Percent	90%, 85%, 90%
CMY	0.1020, 0.1451, 0.1020
CMYK	0.00, 0.05, 0.00, 0.10
HSL	300°, 17%, 88%
HSV	300°, 5%, 90%
XYZ	71.5274, 72.4580, 84.3446
YIQ	222.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

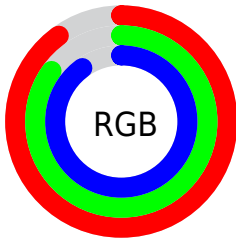
Format	Color
R _Y B	229, 218, 229
Decimal	15063781
CIE Lab	88.19, 5.71, -4.04
CIE LCh	88, 6.994, 324.665
Yxy	72.4580, 0.3133, 0.3173
Android (android.graphics.Color)	4293253861 (0xFFE5DAE5)
YUV	222.5430, 3.1833, 5.6628
Hunter-Lab	85.1223, 1.0278, 0.8373

Details

The XYZ color **71.5274, 72.4580, 84.3446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5904, 76.0080, 77.3367**, and the grayscale version is **69.7936, 73.4283, 79.9634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1927, 38.2490, 45.4142** is the 20% darker color. If you saturate the color by 10%, you get **65.9953, 61.3929, 82.5012**, and if you desaturate by 10%, it is **77.8841, 85.1702, 86.4647**.

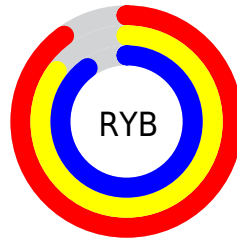
Distribution



Red (90%)

Green (85%)

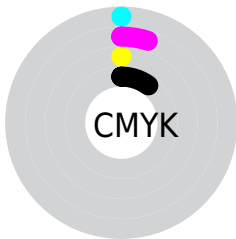
Blue (90%)



Red (90%)

Yellow (85%)

Blue (90%)

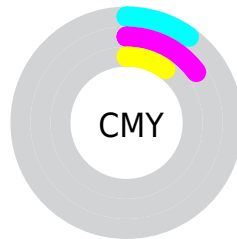


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5274, 72.4580, 84.3446 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 71.5274, 72.4580, 84.3446 by changing the saturation by 10% instead.

71.5274, 72.4580,
84.3446

71.5274, 72.4580,
84.3446

455.0782,
469.1342, 529.5448

53.0568, 53.5329,
62.7530

120.3988,
122.7075, 141.3231

38.0758, 38.2283,
45.2017

151.5303,
154.8006, 177.5471

26.2190, 26.1600,
31.2722

187.6129,
192.0519, 219.4856

17.1211, 16.9433,
20.5460

229.0118,
234.8457, 267.5572

10.4167, 10.1941,
12.6046

276.0924,
283.5664, 322.1803

5.7405, 5.5278,
7.0293

329.2201,

2.7271, 2.5602,

338.5985, 383.7736

3.4017

388.7602,
400.3263, 452.7556

■ 1.0111, 0.9067,
1.3032

■ 0.0000, 0.0000,
0.0644

■ 71.5274, 72.4580,
84.3446

■ 71.5274, 72.4580,
84.3446

■ 65.9953, 61.3929,
82.5012

■ 77.8841, 85.1702,
86.4647

■ 61.2482, 51.8986,
80.9185

■ 82.2168, 93.8355,
87.9092

■ 57.2523, 43.9069,
79.5863

■ 82.2168, 93.8356,
87.9095

■ 53.9692, 37.3409,
78.4916

■ 82.2169, 93.8356,
87.9098

51.3570, 32.1166,
77.6206

82.2170, 93.8356,
87.9101

49.3695, 28.1416,
76.9578

82.2170, 93.8356,
87.9104

47.9545, 25.3117,
76.4859

82.2171, 93.8357,
87.9107

47.0515, 23.5059,
76.1846

82.2171, 93.8357,
87.9110

46.5865, 22.5759,
76.0293

82.2172, 93.8357,
87.9113

Harmonies

Analogous

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



70.2206, 72.4580, 87.5680



71.5274, 72.4580, 84.3446



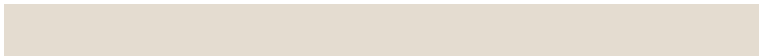
72.1226, 72.4580, 79.7543

Triad

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



71.5274, 72.4580, 84.3446



69.1687, 72.4580, 70.0708



65.9864, 72.4580, 82.8026

Complementary

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



71.5274, 72.4580, 84.3446



69.5904, 76.0080, 77.3367

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.



65.7151, 72.4580, 78.0408



71.5274, 72.4580, 84.3446



67.5352, 72.4580, 70.8134

Square

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



71.5274, 72.4580, 84.3446



70.7468, 72.4580, 71.6135



66.2776, 72.4580, 73.6843



67.0250, 72.4580, 86.6528

Rectangle

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



71.5274, 72.4580, 84.3446



72.0289, 72.4580, 76.5845



66.2776, 72.4580, 73.6843



65.8032, 72.4580, 81.2504

Sweetspot

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



71.5295, 72.4611, 84.3462



94.2419, 98.3838, 108.6306



68.1310, 70.7091, 84.1873



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.



71.5295, 72.4611, 84.3462



90.3618, 90.6237, 107.3371



70.7737, 72.1588, 80.3664



15.3458, 15.3165, 18.2919



26.5609, 12.7586, 43.4442



1.9628, 0.9428, 3.2104

Inverse Universe

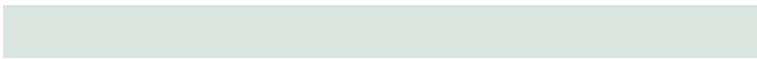
The Inverse Universe completely reimagines the original color for something new.



71.5295, 72.4611, 84.3462



90.3618, 90.6237, 107.3371



70.3221, 76.3007, 81.1896



15.3458, 15.3165, 18.2919



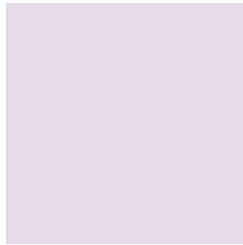
26.5609, 12.7586, 43.4442



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 71.5274, 72.4580, 84.3446 looks on a white background.

Color Contrast Check

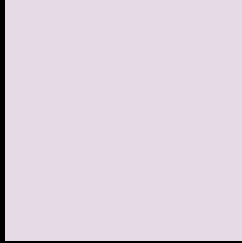
Large Text (above 18pt) WCAG AA × Fail

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 71.5274, 72.4580, 84.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

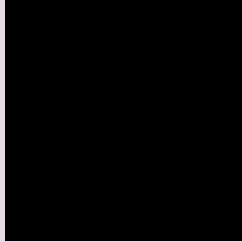
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

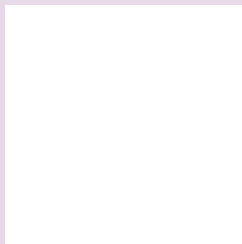
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5274, 72.4580, 84.3446

Background



This preview shows how black text looks on a background with the XYZ color 71.5274, 72.4580, 84.3446.

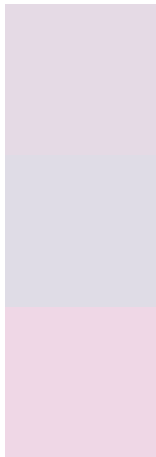


This preview shows how white text looks on a background with the XYZ color 71.5274, 72.4580,

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

71.5274, 72.4580, 84.3446

Protanopia

70.3076, 72.5875, 85.1681

Deuteranopia

74.1800, 72.6648, 84.9789



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

71.5274, 72.4580, 84.3446

Protanomaly

70.6658, 72.3838, 85.1099

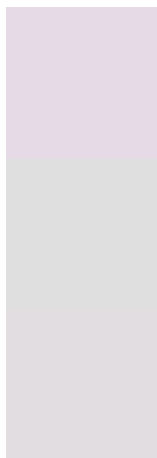
Deuteranomaly

73.0997, 72.4871, 85.0015

Tritanomaly

72.0115, 72.2749, 86.4990

Monochromacy



Original Color

71.5274, 72.4580, 84.3446

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4984, 73.1567, 81.6392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5274, 72.4580, 84.3446 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, 218, 229) looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 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, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 229) }
```

Border

The CSS property to change the border of an element to XYZ 71.5274, 72.4580, 84.3446 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, 218, 229) }
```


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

```
.border{ border-color:rgb(229, 218, 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, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 218, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 218, 229); box-shadow:4px 4px 4px 4px rgb(229, 218, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5274, 72.4580, 84.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 229) }
```

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

```
.background{ background-color: rgb(229,  
218, 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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