

Converting Colors

XYZ(71.7330, 73.4492, 79.5036)

Have a look what the booklet for
XYZ(71.7330, 73.4492, 79.5036)
contains.

XYZ(71.7330, 73.4492, 79.5036)	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(71.7330, 73.4492,
79.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DCDE
RGB	231, 220, 222
RGB Percent	91%, 86%, 87%
CMY	0.0941, 0.1372, 0.1294
CMYK	0.00, 0.05, 0.04, 0.09
HSL	349°, 19%, 88%
HSV	349°, 5%, 91%
XYZ	71.7330, 73.4492, 79.5036
YIQ	223.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

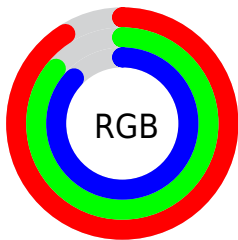
Format	Color
R _Y B	231, 220, 222
Decimal	15195358
CIE Lab	88.66, 4.10, 0.35
CIE LCh	89, 4.117, 4.936
Yxy	73.4492, 0.3193, 0.3269
Android (android.graphics.Color)	4293385438 (0xFFE7DCDE)
YUV	223.5170, -0.7479, 6.5626
Hunter-Lab	85.7025, -0.5749, 4.9902

Details

The XYZ color **71.7330, 73.4492, 79.5036** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2367, 78.0265, 85.3859**, and the grayscale version is **70.5109, 74.1830, 80.7853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1094, 38.8142, 42.0425** is the 20% darker color. If you saturate the color by 10%, you get **63.6910, 61.1950, 65.0141**, and if you desaturate by 10%, it is **80.9011, 87.4989, 95.7723**.

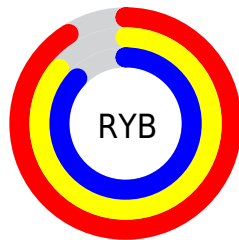
Distribution



Red (91%)

Green (86%)

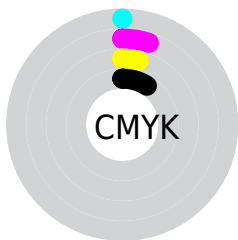
Blue (87%)



Red (91%)

Yellow (86%)

Blue (87%)

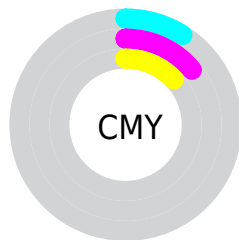


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7330, 73.4492, 79.5036 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 71.7330, 73.4492, 79.5036 by changing the saturation by 10% instead.

71.7330, 73.4492,
79.5036

71.7330, 73.4492,
79.5036

455.7838,
472.5702, 512.9209

53.2253, 54.3433,
58.7862

120.6897,
124.1147, 134.4727

38.2108, 38.8762,
42.0221

151.8694,
156.4431, 169.5614

26.3243, 26.6635,
28.7929

188.0038,
193.9479, 210.2777

17.2004, 17.3206,
18.6800

229.4583,
237.0133, 257.0401

10.4736, 10.4634,
11.2648

276.5981,
286.0239, 310.2670

5.7788, 5.7072,
6.1288

329.7888,

2.7504, 2.6679,

341.3640, 370.3771

2.8535

389.3956,
403.4179, 437.7889

■ 1.0232, 0.9609,
1.0203

■ 0.0000, 0.0000,
0.0000

■ 71.7330, 73.4492,
79.5036

■ 71.7330, 73.4492,
79.5036

■ 63.6910, 61.1950,
65.0141

■ 80.9011, 87.4989,
95.7723

■ 56.7253, 50.6546,
52.2384

■ 86.7654, 95.7292,
108.5123

■ 50.7918, 41.7544,
41.1141

■ 45.8407, 34.4116,
31.5732

■ 41.8181, 28.5362,
23.5429

■ 38.6648, 24.0290,
16.9446

■ 36.3147, 20.7784,
11.6925

■ 34.6918, 18.6550,
7.6912

■ 33.7044, 17.5011,
4.8317

Harmonies

Analogous

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



71.5571, 73.4492, 82.3153



71.7330, 73.4492, 79.5036



71.3900, 73.4492, 76.8796

Triad

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



71.7330, 73.4492, 79.5036



68.7224, 73.4492, 75.5693



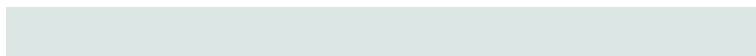
69.0046, 73.4492, 85.0357

Complementary

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



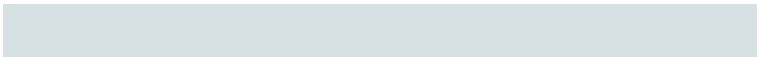
71.7330, 73.4492, 79.5036



72.2367, 78.0265, 85.3859

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.



68.2560, 73.4492, 83.1497



71.7330, 73.4492, 79.5036



68.0941, 73.4492, 77.6770

Square

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



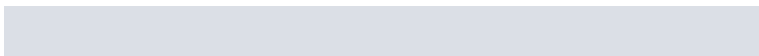
71.7330, 73.4492, 79.5036



69.6469, 73.4492, 74.6428



67.9242, 73.4492, 80.4456



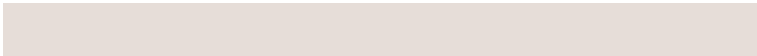
69.9759, 73.4492, 85.5526

Rectangle

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



71.7330, 73.4492, 79.5036



70.9151, 73.4492, 75.5761



67.9242, 73.4492, 80.4456



68.7189, 73.4492, 84.5386

Sweetspot

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



71.7351, 73.4524, 79.5052



93.9076, 98.2501, 106.8705



72.3271, 73.6144, 85.9993



20.1121, 21.0480, 22.8961



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

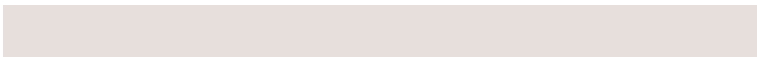
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7351, 73.4524, 79.5052



88.4107, 89.8432, 97.0626



72.3925, 75.1930, 78.4121



14.9818, 15.1709, 16.3751



18.7413, 9.6307, 2.2666



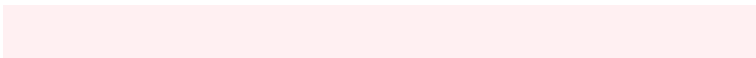
1.4160, 0.7241, 0.3310

Inverse Universe

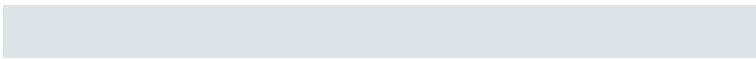
The Inverse Universe completely reimagines the original color for something new.



71.7351, 73.4524, 79.5052



88.4107, 89.8432, 97.0626



71.5522, 76.2088, 86.5409



14.9818, 15.1709, 16.3751



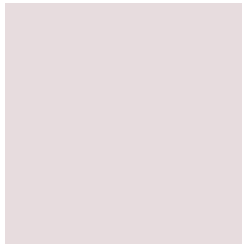
18.7413, 9.6307, 2.2666



1.4160, 0.7241, 0.3310

Previews

White Background



This preview shows how the XYZ color 71.7330, 73.4492, 79.5036 looks on a white background.

Color Contrast Check

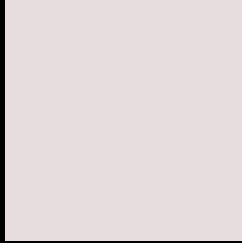
Large Text (above 18pt) WCAG AA × Fail

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 71.7330, 73.4492, 79.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

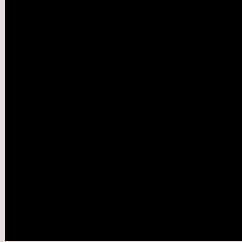
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

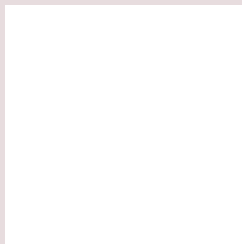
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7330, 73.4492, 79.5036

Background



This preview shows how black text looks on a background with the XYZ color 71.7330, 73.4492, 79.5036.

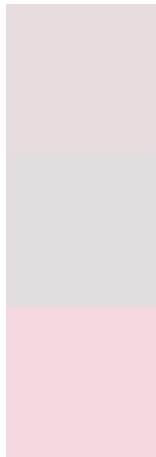


This preview shows how white text looks on a background with the XYZ color 71.7330, 73.4492,

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

71.7330, 73.4492, 79.5036

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

74.9279, 73.1617, 79.9845



Tritanopia

73.6711, 73.4646, 88.8945

Trichromacy



Original Color

71.7330, 73.4492, 79.5036

Protanomaly

71.1706, 73.5346, 80.2545

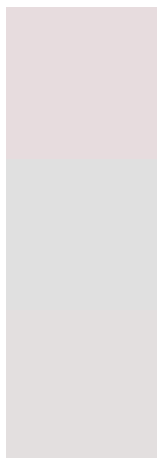
Deuteranomaly

73.7287, 73.3041, 80.0752

Tritanomaly

72.8932, 73.5320, 85.2141

Monochromacy



Original Color

71.7330, 73.4492, 79.5036

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3855, 74.4340, 80.4168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7330, 73.4492, 79.5036 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(231, 220, 222) looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 222)  
}
```

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(231, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.7330, 73.4492, 79.5036 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(231, 220, 222) }
```


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

```
.border{ border-color:rgb(231, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7330, 73.4492, 79.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 222) }
```

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

```
.background{ background-color: rgb(231,  
220, 222) }
```

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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