

Converting Colors

XYZ(71.6650, 72.8440, 88.3523)

Have a look what the booklet for
XYZ(71.6650, 72.8440, 88.3523)
contains.

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Color

**XYZ(71.5468, 72.7723,
88.1174)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBEA
RGB	226, 219, 234
RGB Percent	89%, 86%, 92%
CMY	0.1137, 0.1412, 0.0823
CMYK	0.03, 0.06, 0.00, 0.08
HSL	268°, 26%, 89%
HSV	268°, 6%, 92%
XYZ	71.5468, 72.7723, 88.1174
YIQ	222.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

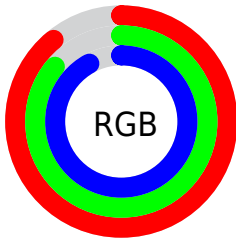
Format	Color
R _Y B	226, 219, 234
Decimal	14867434
CIE Lab	88.34, 5.10, -6.48
CIE LCh	88, 8.248, 308.175
Yxy	72.7723, 0.3078, 0.3131
Android (android.graphics.Color)	4293057514 (0xFFE2DBEA)
YUV	222.8030, 5.5201, 2.8038
Hunter-Lab	85.3067, 0.4214, -1.5288

Details

The XYZ color **71.5468, 72.7723, 88.1174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8903, 80.2929, 78.6252**, and the grayscale version is **69.9636, 73.6072, 80.1582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1059, 38.4232, 47.5275** is the 20% darker color. If you saturate the color by 10%, you get **62.0937, 59.4664, 86.0484**, and if you desaturate by 10%, it is **82.1473, 87.9476, 90.4889**.

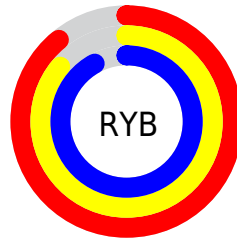
Distribution



Red (89%)

Green (86%)

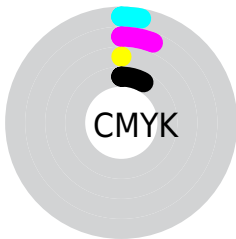
Blue (92%)



Red (89%)

Yellow (86%)

Blue (92%)

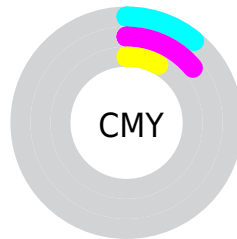


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5468, 72.7723, 88.1174 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 71.5468, 72.7723, 88.1174 by changing the saturation by 10% instead.

71.5468, 72.7723,
88.1174

71.5468, 72.7723,
88.1174

455.1448,
470.2253, 542.2989

53.0727, 53.7898,
65.8554

120.4263,
123.1539, 146.6332

38.0885, 38.4336,
47.6993

151.5623,
155.3218, 183.7240

26.2289, 26.3194,
33.2305

187.6498,
192.6536, 226.5949

17.1286, 17.0628,
22.0305

229.0539,
235.5337, 275.6644

10.4221, 10.2792,
13.6808

276.1401,
284.3466, 331.3510

5.7441, 5.5845,
7.7628

329.2738,

2.7293, 2.5941,

339.4765, 394.0732

3.8580

388.8202,
401.3079, 464.2497

■ 1.0123, 0.9237,
1.5477

■ 0.0000, 0.0000,
0.2531

■ 71.5468, 72.7723,
88.1174

■ 71.5468, 72.7723,
88.1174

■ 62.0937, 59.4664,
86.0484

■ 82.1473, 87.9476,
90.4889

■ 53.7400, 47.9462,
84.2651

■ 90.3835, 97.9638,
91.9882

■ 46.4435, 38.1355,
82.7560

■ 91.8515, 98.7206,
92.0569

■ 40.1566, 29.9487,
81.5072

■ 34.8279, 23.2928,
80.5033

■ 30.4007, 18.0648,
79.7275

■ 26.8115, 14.1487,
79.1608

■ 23.9871, 11.4091,
78.7809

■ 21.8372, 9.6773,
78.5599

Harmonies

Analogous

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



69.7104, 72.7723, 90.5222



71.5468, 72.7723, 88.1174



72.7613, 72.7723, 83.3582

Triad

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



71.5468, 72.7723, 88.1174



70.5924, 72.7723, 69.5432



65.4688, 72.7723, 80.7966

Complementary

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



71.5468, 72.7723, 88.1174



73.8903, 80.2929, 78.6252

Split Complementary

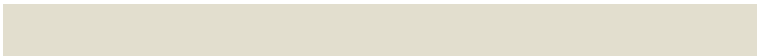
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.6948, 72.7723, 75.2533



71.5468, 72.7723, 88.1174



68.6282, 72.7723, 68.9304

Square

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



71.5468, 72.7723, 88.1174



72.2030, 72.7723, 72.6894



66.8423, 72.7723, 70.9736



66.2191, 72.7723, 86.1657

Rectangle

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



71.5468, 72.7723, 88.1174



73.0418, 72.7723, 79.5843



66.8423, 72.7723, 70.9736



65.4334, 72.7723, 78.8900

Sweetspot

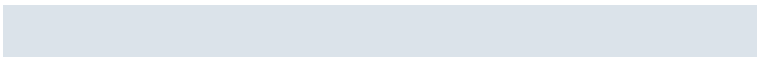
The Sweet Spot groups the original color and five complimentary colors.



71.5489, 72.7754, 88.1190



92.4507, 96.2767, 108.3183



71.6049, 76.0783, 88.7536



19.8155, 20.6462, 23.1907



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.



71.5489, 72.7754, 88.1190



84.9929, 85.6620, 106.6625



73.8709, 73.9724, 88.2277



14.8993, 14.8933, 19.0117



12.0437, 5.2447, 44.1205



1.0558, 0.4686, 3.4697

Inverse Universe

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



73.1309, 73.7048, 83.0488



87.3892, 87.0700, 98.9733



71.6512, 79.1387, 78.5204



15.4014, 15.1884, 17.3988



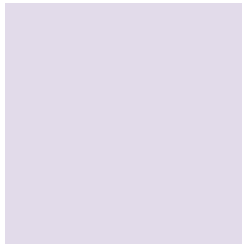
21.2061, 10.6851, 12.1524



1.7137, 0.8585, 1.2099

Previews

White Background



This preview shows how the XYZ color 71.5468, 72.7723, 88.1174 looks on a white background.

Color Contrast Check

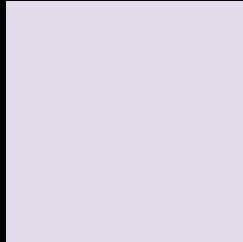
Large Text (above 18pt) WCAG AA × Fail

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 71.5468, 72.7723, 88.1174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

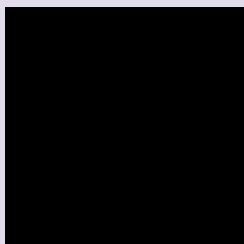
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

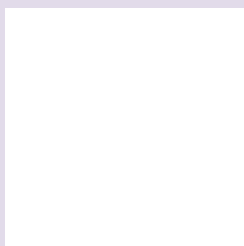
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5468, 72.7723, 88.1174

Background



This preview shows how black text looks on a background with the XYZ color 71.5468, 72.7723, 88.1174.

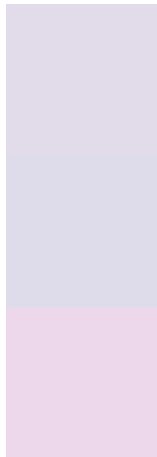


This preview shows how white text looks on a background with the XYZ color 71.5468, 72.7723,

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

71.5468, 72.7723, 88.1174

Protanopia

70.7128, 72.7142, 88.9055

Deuteranopia

74.2209, 72.6036, 88.6993



Tritanopia

71.8359, 72.8879, 89.6395

Trichromacy



Original Color

71.5468, 72.7723, 88.1174

Protanomaly

71.0200, 72.8725, 88.9199

Deuteranomaly

73.1555, 72.4335, 88.7226

Tritanomaly

71.6909, 72.8299, 88.8763

Monochromacy



Original Color

71.5468, 72.7723, 88.1174

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7269, 73.6359, 83.1585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5468, 72.7723, 88.1174 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(226, 219, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 234)  
}
```

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(226, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.5468, 72.7723, 88.1174 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(226, 219, 234) }
```


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

```
.border{ border-color:rgb(226, 219, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5468, 72.7723, 88.1174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 234) }
```

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

```
.background{ background-color: rgb(226,  
219, 234) }
```

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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