

Converting Colors

XYZ(72.9259, 74.8291, 88.1527)

Have a look what the booklet for
XYZ(72.9259, 74.8291, 88.1527)
contains.

XYZ(72.9675, 74.6770, 88.4102)	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(72.9675, 74.6770,
88.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DEEA
RGB	228, 222, 234
RGB Percent	89%, 87%, 92%
CMY	0.1059, 0.1294, 0.0823
CMYK	0.03, 0.05, 0.00, 0.08
HSL	270°, 22%, 89%
HSV	270°, 5%, 92%
XYZ	72.9675, 74.6770, 88.4102
YIQ	225.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

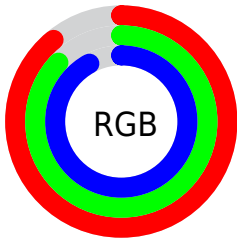
Format	Color
R _Y B	228, 222, 234
Decimal	14999274
CIE Lab	89.24, 4.20, -5.13
CIE LCh	89, 6.633, 309.275
Yxy	74.6770, 0.3091, 0.3164
Android (android.graphics.Color)	4293189354 (0xFFE4DEEA)
YUV	225.1620, 4.3571, 2.4889
Hunter-Lab	86.4159, -0.5066, -0.1672

Details

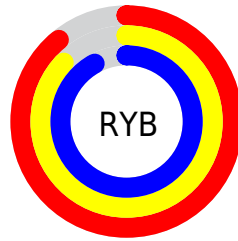
The XYZ color **72.9675, 74.6770, 88.4102** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6052, 80.6155, 80.7391**, and the grayscale version is **71.6561, 75.3878, 82.0974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0882, 39.7360, 47.7291** is the 20% darker color. If you saturate the color by 10%, you get **63.5915, 61.2504, 86.3139**, and if you desaturate by 10%, it is **83.4617, 89.9646, 90.8090**.

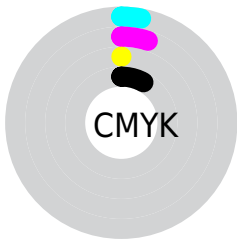
Distribution



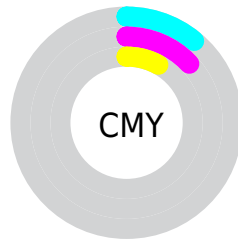
- Red (89%)
- Green (87%)
- Blue (92%)



- Red (89%)
- Yellow (87%)
- Blue (92%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9675, 74.6770, 88.4102 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 72.9675, 74.6770, 88.4102 by changing the saturation by 10% instead.

■ 72.9675, 74.6770,
88.4102

■ 72.9675, 74.6770,
88.4102

460.0077,
476.8066, 543.2817

■ 54.2377, 55.3483,
66.0966

122.4345,
125.8550, 147.0443

■ 39.0231, 39.6807,
47.8938

153.9023,
158.4732, 184.2018

■ 26.9585, 27.2897,
33.3834

190.3468,
196.2899, 227.1443

■ 17.6785, 17.7909,
22.1468

232.1334,
239.6897, 276.2905

■ 10.8177, 10.8000,
13.7655

279.6275,
289.0568, 332.0587

■ 6.0108, 5.9325,
7.8208

333.1943,

■ 2.8924, 2.8041,

344.7758, 394.8677

3.8944

393.1993,
407.2309, 465.1358

■ 1.0971, 1.0303,
1.5676

■ 0.0227, 0.0000,
0.2675

■ 72.9675, 74.6770,
88.4102

■ 72.9675, 74.6770,
88.4102

■ 63.5915, 61.2504,
86.3139

■ 83.4617, 89.9646,
90.8090

■ 55.2869, 49.6021,
84.5033

■ 90.5422, 98.0456,
91.9956

■ 48.0131, 39.6572,
82.9671

■ 91.8515, 98.7206,
92.0569

■ 41.7242, 31.3315,
81.6915

■ 36.3705, 24.5337,
80.6616

■ 31.8972, 19.1629,
79.8607

■ 28.2434, 15.1058,
79.2701

■ 25.3387, 12.2307,
78.8683

■ 23.0979, 10.3764,
78.6285

Harmonies

Analogous

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



71.4813, 74.6770, 90.4319



72.9675, 74.6770, 88.4102



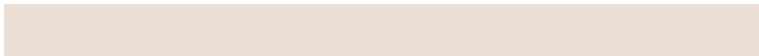
73.9302, 74.6770, 84.5069

Triad

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



72.9675, 74.6770, 88.4102



72.0857, 74.6770, 73.2528



67.9497, 74.6770, 82.7562

Complementary

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



72.9675, 74.6770, 88.4102



74.6052, 80.6155, 80.7391

Split Complementary

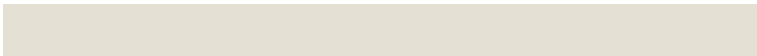
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.1059, 74.6770, 78.1958



72.9675, 74.6770, 88.4102



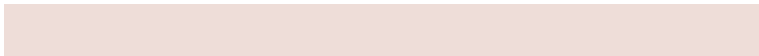
70.4776, 74.6770, 72.8242

Square

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



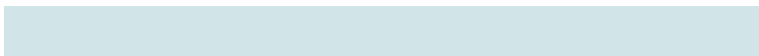
72.9675, 74.6770, 88.4102



73.4158, 74.6770, 75.7955



69.0255, 74.6770, 74.6016



68.5953, 74.6770, 87.0868

Rectangle

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



72.9675, 74.6770, 88.4102



74.1372, 74.6770, 81.4234



69.0255, 74.6770, 74.6016



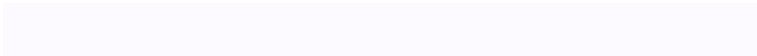
67.9104, 74.6770, 81.1978

Sweetspot

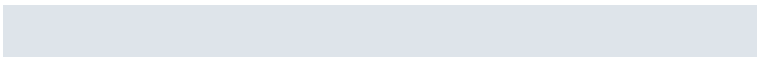
The Sweet Spot groups the original color and five complimentary colors.



72.9697, 74.6802, 88.4118



92.5124, 96.3085, 108.3212



72.7766, 77.0697, 88.8832



19.8281, 20.6527, 23.1913



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.



72.9697, 74.6802, 88.4118



87.6025, 89.2012, 107.2081



74.8407, 75.6448, 88.4994



15.5417, 15.7713, 19.1473



12.6112, 5.5372, 44.1471



1.1012, 0.4920, 3.4718

Inverse Universe

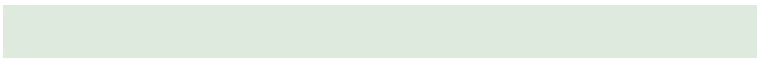
The Inverse Universe completely reimagines the original color for something new.



74.0591, 75.3397, 84.0410



89.1547, 90.1408, 100.9806



72.7958, 79.6827, 80.6544



15.8463, 15.9557, 17.9251



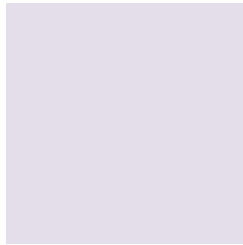
20.9366, 10.5773, 10.7335



1.6926, 0.8500, 1.0986

Previews

White Background



This preview shows how the XYZ color 72.9675, 74.6770, 88.4102 looks on a white background.

Color Contrast Check

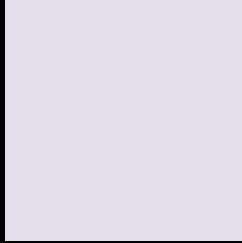
Large Text (above 18pt) WCAG AA × Fail

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 72.9675, 74.6770, 88.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

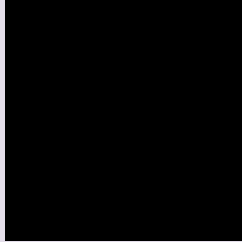
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

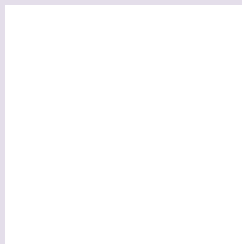
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9675, 74.6770, 88.4102

Background



This preview shows how black text looks on a background with the XYZ color 72.9675, 74.6770, 88.4102.

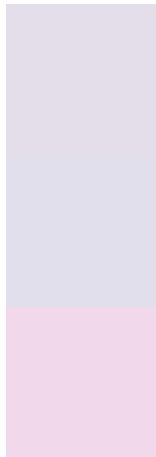


This preview shows how white text looks on a background with the XYZ color 72.9675, 74.6770,

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

72.9675, 74.6770, 88.4102

Protanopia

72.4344, 74.7811, 89.2137

Deuteranopia

76.0839, 74.3246, 88.9333



Tritanopia

73.7495, 74.6029, 92.1741

Trichromacy



Original Color

72.9675, 74.6770, 88.4102

Protanomaly

72.7471, 74.9423, 89.2284

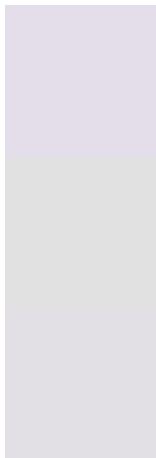
Deuteranomaly

74.9190, 74.4941, 89.0274

Tritanomaly

73.4556, 74.4853, 90.6263

Monochromacy



Original Color

72.9675, 74.6770, 88.4102

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0233, 75.0815, 84.0949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9675, 74.6770, 88.4102 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(228, 222, 234) looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 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(228, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 234) }
```

Border

The CSS property to change the border of an element to XYZ 72.9675, 74.6770, 88.4102 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(228, 222, 234) }
```


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

```
.border{ border-color:rgb(228, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9675, 74.6770, 88.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 234) }
```

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

```
.background{ background-color: rgb(228,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor