

Converting Colors

XYZ(70.2148, 72.1675, 84.3577)

Have a look what the booklet for
XYZ(70.2148, 72.1675, 84.3577)
contains.

XYZ(70.2148, 72.1675, 84.3577)	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(70.2148, 72.1675,
84.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DBE5
RGB	224, 219, 229
RGB Percent	88%, 86%, 90%
CMY	0.1216, 0.1412, 0.1020
CMYK	0.02, 0.04, 0.00, 0.10
HSL	270°, 16%, 88%
HSV	270°, 4%, 90%
XYZ	70.2148, 72.1675, 84.3577
YIQ	221.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

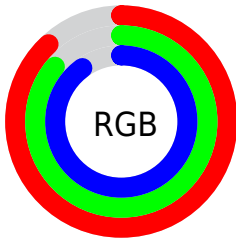
Format	Color
R _Y B	224, 219, 229
Decimal	14736357
CIE Lab	88.05, 3.51, -4.29
CIE LCh	88, 5.545, 309.236
Yxy	72.1675, 0.3097, 0.3183
Android (android.graphics.Color)	4292926437 (0xFFE0DBE5)
YUV	221.6350, 3.6309, 2.0741
Hunter-Lab	84.9515, -1.1297, 0.5904

Details

The XYZ color **70.2148, 72.1675, 84.3577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5488, 77.0023, 78.1135**, and the grayscale version is **69.1509, 72.7521, 79.2270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2776, 38.0419, 45.4225** is the 20% darker color. If you saturate the color by 10%, you get **61.2160, 59.2630, 82.3423**, and if you desaturate by 10%, it is **80.2788, 86.8452, 86.6614**.

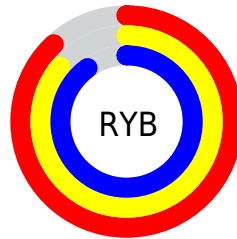
Distribution



Red (88%)

Green (86%)

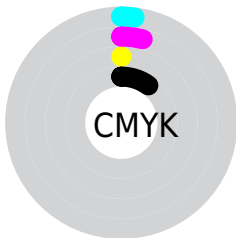
Blue (90%)



Red (88%)

Yellow (86%)

Blue (90%)

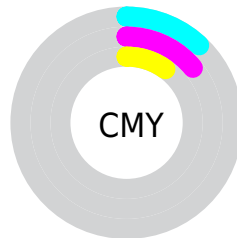


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (10%)



Cyan (12%)

Magenta (14%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2148, 72.1675, 84.3577 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 70.2148, 72.1675, 84.3577 by changing the saturation by 10% instead.

■ 70.2148, 72.1675,
84.3577

■ 70.2148, 72.1675,
84.3577

450.5585,
468.1244, 529.5894

■ 51.9819, 53.2955,
62.7637

118.5396,
122.2946, 141.3416

■ 37.2149, 38.0387,
45.2103

149.3623,
154.3186, 177.5686

■ 25.5483, 26.0128,
31.2790

185.1122,
191.4953, 219.5104

■ 16.6169, 16.8332,
20.5511

226.1547,
234.2092, 267.5854

■ 10.0554, 10.1156,
12.6082

272.8553,
282.8447, 322.2123

■ 5.4982, 5.4757,
7.0318

325.5792,

■ 2.5802, 2.5290,

337.7861, 383.8096

3.4032

384.6918,
399.4179, 452.7957

■ 0.9359, 0.8911,
1.3040

■ 0.0000, 0.0000,
0.0651

■ 70.2148, 72.1675,
84.3577

■ 70.2148, 72.1675,
84.3577

■ 61.2160, 59.2630,
82.3423

■ 80.2788, 86.8452,
86.6614

■ 53.2381, 48.0533,
80.5991

■ 88.2294, 96.9352,
88.1900

■ 46.2428, 38.4679,
79.1176

■ 91.1431, 98.4372,
88.3263

■ 40.1868, 30.4273,
77.8848

■ 35.0232, 23.8456,
76.8865

■ 30.7006, 18.6279,
76.1072

■ 27.1617, 14.6678,
75.5294

■ 24.3407, 11.8420,
75.1326

■ 22.1581, 10.0010,
74.8923

Harmonies

Analogous

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



69.0022, 72.1675, 85.9913



70.2148, 72.1675, 84.3577



70.9995, 72.1675, 81.1896

Triad

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



70.2148, 72.1675, 84.3577



69.4989, 72.1675, 71.9604



66.1125, 72.1675, 79.7533

Complementary

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



70.2148, 72.1675, 84.3577



71.5488, 77.0023, 78.1135

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.



66.2416, 72.1675, 76.0233



70.2148, 72.1675, 84.3577



68.1856, 72.1675, 71.6038

Square

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



70.2148, 72.1675, 84.3577



70.5825, 72.1675, 74.0592



66.9965, 72.1675, 73.0688



66.6413, 72.1675, 83.2773

Rectangle

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



70.2148, 72.1675, 84.3577



71.1685, 72.1675, 78.6754



66.9965, 72.1675, 73.0688



66.0805, 72.1675, 78.4810

Sweetspot

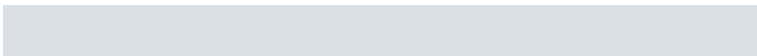
The Sweet Spot groups the original color and five complimentary colors.



70.2169, 72.1706, 84.3593



93.7742, 98.1427, 108.6087



70.0595, 74.1209, 84.7440



20.0850, 21.0262, 23.2498



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.



70.2169, 72.1706, 84.3593



88.8090, 90.9436, 107.4809



71.7364, 72.9539, 84.4304



15.0226, 15.3281, 18.3112



12.2265, 5.3689, 42.7751



1.0106, 0.4520, 3.1659

Inverse Universe

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



71.1018, 72.7062, 80.8111



90.1074, 91.7295, 102.2747



70.0718, 76.2409, 78.0444



15.2720, 15.4791, 17.3111



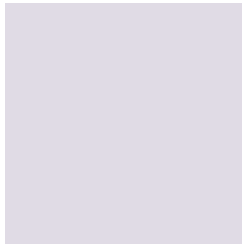
20.2903, 10.2503, 10.4235



1.5463, 0.7762, 1.0172

Previews

White Background



This preview shows how the XYZ color 70.2148, 72.1675, 84.3577 looks on a white background.

Color Contrast Check

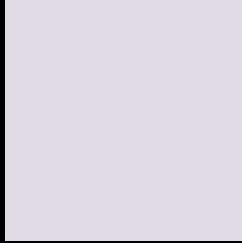
Large Text (above 18pt) WCAG AA × Fail

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 70.2148, 72.1675, 84.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

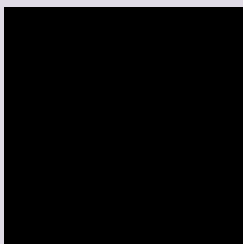
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

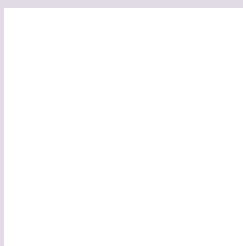
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2148, 72.1675, 84.3577

Background



This preview shows how black text looks on a background with the XYZ color 70.2148, 72.1675, 84.3577.

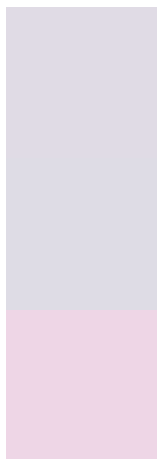


This preview shows how white text looks on a background with the XYZ color 70.2148, 72.1675,

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

70.2148, 72.1675, 84.3577

Protanopia

69.8603, 72.3731, 84.4161

Deuteranopia

73.5894, 71.9834, 84.8785



Tritanopia

71.1181, 72.1485, 88.7750

Trichromacy



Original Color

70.2148, 72.1675, 84.3577

Protanomaly

70.1675, 72.5315, 84.4305

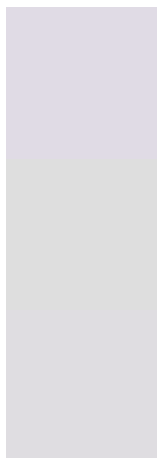
Deuteranomaly

72.4431, 72.1485, 84.9708

Tritanomaly

70.8307, 72.0336, 87.2615

Monochromacy



Original Color

70.2148, 72.1675, 84.3577

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8785, 72.8371, 81.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2148, 72.1675, 84.3577 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(224, 219, 229) looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 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(224, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 229) }
```

Border

The CSS property to change the border of an element to XYZ 70.2148, 72.1675, 84.3577 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(224, 219, 229) }
```


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

```
.border{ border-color:rgb(224, 219, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2148, 72.1675, 84.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 229) }
```

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

```
.background{ background-color: rgb(224,  
219, 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](#).

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