

Converting Colors

XYZ(68.7434, 71.3195, 77.6106)

Have a look what the booklet for
XYZ(68.7434, 71.3195, 77.6106)
contains.

XYZ(68.7301, 71.1574, 77.8224)	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(68.7301, 71.1574,
77.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DADC
RGB	224, 218, 220
RGB Percent	88%, 85%, 86%
CMY	0.1216, 0.1451, 0.1372
CMYK	0.00, 0.03, 0.02, 0.12
HSL	340°, 9%, 87%
HSV	340°, 3%, 88%
XYZ	68.7301, 71.1574, 77.8224
YIQ	220.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

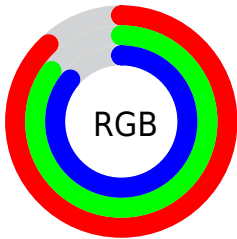
Format	Color
RYB	224, 218, 220
Decimal	14736092
CIELab	87.56, 2.40, -0.26
CIELCh	88, 2.415, 353.726
Yxy	71.1574, 0.3157, 0.3268
Android (android.graphics.Color)	4292926172 (0xFFE0DADC)
YUV	220.0220, -0.0108, 3.4887
Hunter-Lab	84.3548, -2.1839, 4.3498

Details

The XYZ color **68.7301, 71.1574, 77.8224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7565, 73.4924, 79.6725**, and the grayscale version is **68.0432, 71.5868, 77.9580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2509, 37.3460, 40.8952** is the 20% darker color. If you saturate the color by 10%, you get **61.4184, 59.5601, 66.0539**, and if you desaturate by 10%, it is **77.0078, 84.4016, 90.7875**.

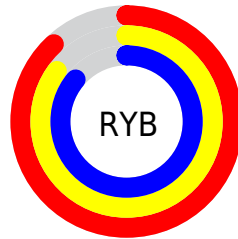
Distribution



Red (88%)

Green (85%)

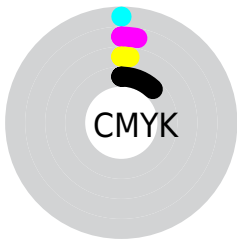
Blue (86%)



Red (88%)

Yellow (85%)

Blue (86%)

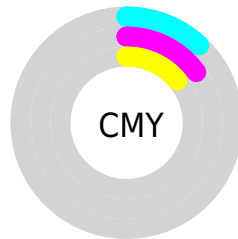


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7301, 71.1574, 77.8224 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 68.7301, 71.1574, 77.8224 by changing the saturation by 10% instead.

■ 68.7301, 71.1574,
77.8224

■ 68.7301, 71.1574,
77.8224

445.4147,
464.6035, 507.0754

■ 50.7678, 52.4707,
57.4125

116.4322,
120.8578, 132.0833

■ 36.2441, 37.3804,
40.9250

146.9026,
152.6403, 166.7714

■ 24.7938, 25.5021,
27.9412

182.2732,
189.5568, 207.0561

■ 16.0514, 16.4516,
18.0427

222.9092,
231.9917, 253.3557

■ 9.6516, 9.8442,
10.8109

269.1760,
280.3294, 306.0889

■ 5.2291, 5.2958,
5.8272

321.4389,

■ 2.4184, 2.4218,

334.9544, 365.6742

2.6732

380.0634,
396.2509, 432.5302

■ 0.8543, 0.8371,
0.9299

■ 0.0000, 0.0000,
0.0000

■ 68.7301, 71.1574,
77.8224

■ 68.7301, 71.1574,
77.8224

■ 61.4184, 59.5601,
66.0539

■ 77.0078, 84.4016,
90.7875

■ 55.0307, 49.5361,
55.4426

■ 83.7385, 94.2625,
104.1307

■ 49.5310, 41.0199,
45.9536

■ 84.5509, 94.5875,
108.4086

■ 44.8783, 33.9378,
37.5487

■ 41.0284, 28.2097,
30.1869

■ 37.9330, 23.7479,
23.8250

■ 35.5382, 20.4539,
18.4160

■ 33.7825, 18.2147,
13.9086

■ 32.5925, 16.8943,
10.2453

Harmonies

Analogous

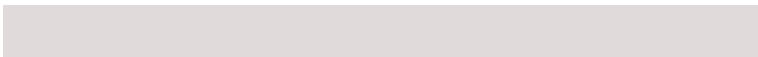
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.5219, 71.1574, 79.3534



68.7301, 71.1574, 77.8224



68.6430, 71.1574, 76.2201

Triad

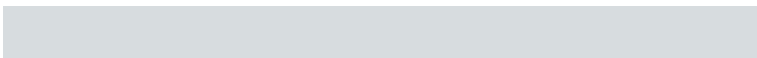
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.7301, 71.1574, 77.8224



67.1922, 71.1574, 74.6355



66.9855, 71.1574, 80.0408

Complementary

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



68.7301, 71.1574, 77.8224



68.7565, 73.4924, 79.6725

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.



66.6329, 71.1574, 78.7503



68.7301, 71.1574, 77.8224



66.7518, 71.1574, 75.6330

Square

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



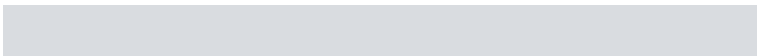
68.7301, 71.1574, 77.8224



67.7530, 71.1574, 74.3949



66.5476, 71.1574, 77.1352



67.5131, 71.1574, 80.6458

Rectangle

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



68.7301, 71.1574, 77.8224



68.4294, 71.1574, 75.3253



66.5476, 71.1574, 77.1352



66.8427, 71.1574, 79.6719

Sweetspot

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



68.7321, 71.1605, 77.8239



93.9692, 98.2747, 107.1946



68.6525, 71.0575, 80.6190



20.1247, 21.0530, 22.9621



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.



68.7321, 71.1605, 77.8239



91.8470, 94.8915, 103.8327



68.7292, 71.5752, 76.5263



14.8112, 15.2309, 16.6855



18.6717, 9.5357, 4.9367



1.3348, 0.6772, 0.5557

Inverse Universe

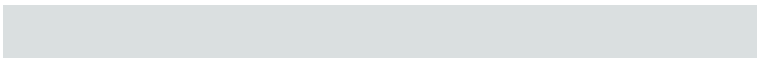
The Inverse Universe completely reimagines the original color for something new.



68.7321, 71.1605, 77.8239



91.8470, 94.8915, 103.8327



68.7580, 73.0645, 81.0008



14.8112, 15.2309, 16.6855



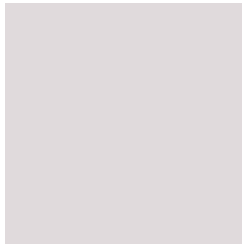
18.6717, 9.5357, 4.9367



1.3348, 0.6772, 0.5557

Previews

White Background



This preview shows how the XYZ color 68.7301, 71.1574, 77.8224 looks on a white background.

Color Contrast Check

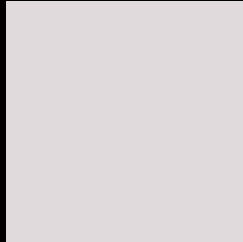
Large Text (above 18pt) WCAG AA × Fail

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 68.7301, 71.1574, 77.8224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

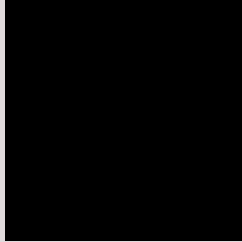
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

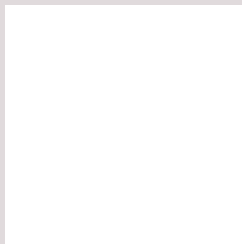
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.7301, 71.1574, 77.8224

Background



This preview shows how black text looks on a background with the XYZ color 68.7301, 71.1574, 77.8224.

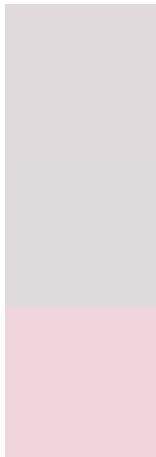


This preview shows how white text looks on a background with the XYZ color 68.7301, 71.1574,

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

68.7301, 71.1574, 77.8224

Protanopia

68.4211, 70.9981, 77.8080

Deuteranopia

72.7806, 71.3342, 78.3395



Tritanopia

70.6279, 71.1637, 87.1043

Trichromacy



Original Color

68.7301, 71.1574, 77.8224

Protanomaly

68.4211, 70.9981, 77.8080

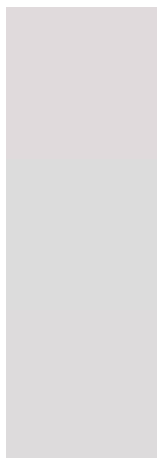
Deuteranomaly

71.2833, 71.3138, 78.4145

Tritanomaly

69.8678, 71.2347, 83.4660

Monochromacy



Original Color

68.7301, 71.1574, 77.8224

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.0686, 71.2025, 77.8660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7301, 71.1574, 77.8224 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, 218, 220) looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 220)  
}
```

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, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 220) }
```

Border

The CSS property to change the border of an element to XYZ 68.7301, 71.1574, 77.8224 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, 218, 220) }
```


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

```
.border{ border-color:rgb(224, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7301, 71.1574, 77.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 220) }
```

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

```
.background{ background-color: rgb(224,  
218, 220) }
```

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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