

Converting Colors

XYZ(68.3138, 71.4559, 77.4169)

Have a look what the booklet for
XYZ(68.3138, 71.4559, 77.4169)
contains.

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Color

**XYZ(68.2419, 71.3071,
77.1847)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDBDB
RGB	222, 219, 219
RGB Percent	87%, 86%, 86%
CMY	0.1294, 0.1412, 0.1412
CMYK	0.00, 0.01, 0.01, 0.13
HSL	0°, 4%, 86%
HSV	0°, 1%, 87%
XYZ	68.2419, 71.3071, 77.1847
YIQ	219.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

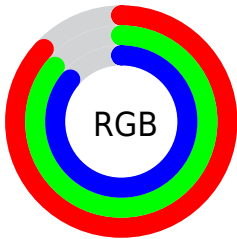
Format	Color
RYB	222, 219, 219
Decimal	14605275
CIELab	87.63, 1.02, 0.35
CIELCh	88, 1.081, 18.938
Yxy	71.3071, 0.3149, 0.3290
Android (android.graphics.Color)	4292795355 (0xFFDEDBDB)
YUV	219.8970, -0.4422, 1.8443
Hunter-Lab	84.4435, -3.5238, 4.9171

Details

The XYZ color **68.2419, 71.3071, 77.1847** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5195, 72.5756, 79.5054**, and the grayscale version is **67.9595, 71.4987, 77.8621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9126, 37.4467, 40.4571** is the 20% darker color. If you saturate the color by 10%, you get **60.1084, 59.4089, 61.0031**, and if you desaturate by 10%, it is **77.5397, 84.9083, 95.6792**.

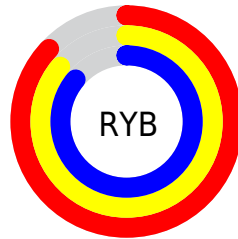
Distribution



Red (87%)

Green (86%)

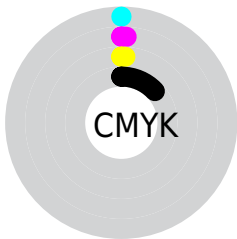
Blue (86%)



Red (87%)

Yellow (86%)

Blue (86%)

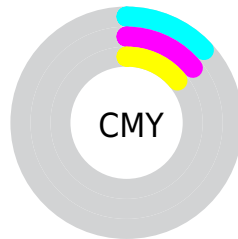


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2419, 71.3071, 77.1847 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 68.2419, 71.3071, 77.1847 by changing the saturation by 10% instead.

■ 68.2419, 71.3071,
77.1847

■ 68.2419, 71.3071,
77.1847

443.7159,
465.1263, 504.8479

■ 50.3690, 52.5929,
56.8920

115.7381,
121.0709, 131.1756

■ 35.9256, 37.4778,
40.5098

146.0921,
152.8892, 165.7108

■ 24.5466, 25.5777,
27.6194

181.3372,
189.8444, 205.8307

■ 15.8665, 16.5080,
17.8024

221.8387,
232.3208, 251.9537

■ 9.5200, 9.8843,
10.6403

267.9619,
280.7027, 304.4984

■ 5.1417, 5.3223,
5.7144

320.0723,

■ 2.3662, 2.4376,

335.3747, 363.8833

2.6062

378.5352,
396.7211, 430.5269

■ 0.8282, 0.8451,
0.8957

■ 0.0000, 0.0000,
0.0000

■ 68.2419, 71.3071,
77.1847

■ 68.2419, 71.3071,
77.1847

■ 60.1084, 59.4089,
61.0031

■ 77.5397, 84.9083,
95.6792

■ 53.0876, 49.1377,
47.0389

■ 83.9346, 94.2698,
108.3798

■ 47.1330, 40.4258,
35.1971

■ 42.1924, 33.1969,
25.3737

■ 38.2095, 27.3685,
17.4564

■ 35.1221, 22.8500,
11.3214

■ 32.8610, 19.5400,
6.8307

■ 31.3468, 17.3226,
3.8261

■ 30.4846, 16.0590,
2.1181

Harmonies

Analogous

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



68.2595, 71.3071, 77.9121



68.2419, 71.3071, 77.1847



68.0991, 71.3071, 76.5833

Triad

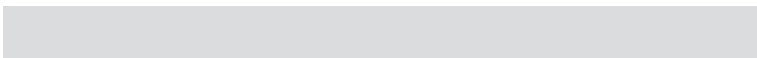
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2419, 71.3071, 77.1847



67.4048, 71.3071, 76.7190



67.6809, 71.3071, 79.0330

Complementary

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



68.2419, 71.3071, 77.1847



68.5195, 72.5756, 79.5054

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.



67.4524, 71.3071, 78.7091



68.2419, 71.3071, 77.1847



67.2933, 71.3071, 77.3712

Square

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



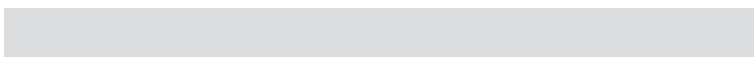
68.2419, 71.3071, 77.1847



67.6156, 71.3071, 76.3156



67.3108, 71.3071, 78.0997



67.9351, 71.3071, 78.9823

Rectangle

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



68.2419, 71.3071, 77.1847



67.9523, 71.3071, 76.3332



67.3108, 71.3071, 78.0997



67.5985, 71.3071, 78.9643

Sweetspot

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



68.2439, 71.3102, 77.1863

95.0500, 100.0000, 108.9000



68.6415, 71.4676, 79.2851



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



68.2439, 71.3102, 77.1863



92.6362, 96.4690, 104.0982



68.6360, 72.0944, 77.3170



15.0911, 15.7257, 16.9793



17.8956, 9.2292, 0.8382



1.2409, 0.6407, 0.0583

Inverse Universe

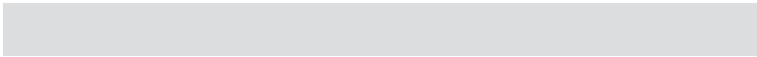
The Inverse Universe completely reimagines the original color for something new.



68.5195, 72.5756, 79.5054



93.1964, 99.0414, 108.8127



68.1239, 71.7843, 79.3735



15.1767, 16.1184, 17.6989



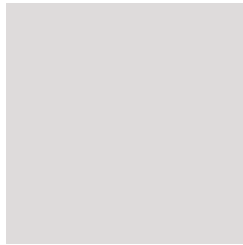
23.3031, 34.0757, 46.3974



1.6157, 2.3629, 3.2162

Previews

White Background



This preview shows how the XYZ color 68.2419, 71.3071, 77.1847 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 68.2419, 71.3071, 77.1847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

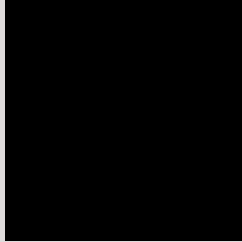
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

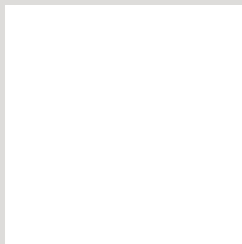
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2419, 71.3071, 77.1847

Background



This preview shows how black text looks on a background with the XYZ color 68.2419, 71.3071, 77.1847.

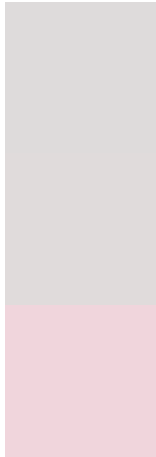


This preview shows how white text looks on a background with the XYZ color 68.2419, 71.3071,

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

68.2419, 71.3071, 77.1847

Protanopia

68.8582, 71.6248, 77.2136

Deuteranopia

72.6477, 71.2811, 77.6398



Tritanopia

70.4046, 71.4135, 87.9154

Trichromacy



Original Color

68.2419, 71.3071, 77.1847

Protanomaly

68.5491, 71.4655, 77.1991

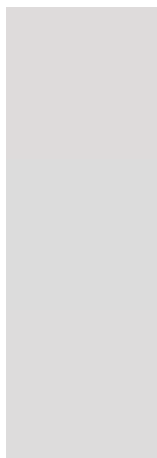
Deuteranomaly

70.8230, 71.0918, 77.6995

Tritanomaly

69.6457, 71.4879, 84.2566

Monochromacy



Original Color

68.2419, 71.3071, 77.1847

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3303, 71.7259, 77.9532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2419, 71.3071, 77.1847 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(222, 219, 219) looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 219)  
}
```

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(222, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 68.2419, 71.3071, 77.1847 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(222, 219, 219) }
```

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

```
.border{ border-color:rgb(222, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
219) }
```


Background

The CSS property to change the background color of an element to XYZ 68.2419, 71.3071, 77.1847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 219) }
```

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

```
.background{ background-color: rgb(222,  
219, 219) }
```

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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