

Converting Colors

XYZ(69.0954, 71.6724, 78.8583)

Have a look what the booklet for
XYZ(69.0954, 71.6724, 78.8583)
contains.

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Color

**XYZ(69.1231, 71.7308,
78.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DBDD
RGB	224, 219, 221
RGB Percent	88%, 86%, 87%
CMY	0.1216, 0.1412, 0.1333
CMYK	0.00, 0.02, 0.01, 0.12
HSL	336°, 7%, 87%
HSV	336°, 2%, 88%
XYZ	69.1231, 71.7308, 78.6089
YIQ	220.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

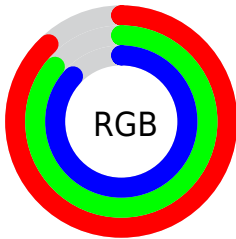
Format	Color
R _Y B	224, 219, 221
Decimal	14736349
CIE Lab	87.84, 2.06, -0.39
CIE LCh	88, 2.095, 349.381
Yxy	71.7308, 0.3150, 0.3268
Android (android.graphics.Color)	4292926429 (0xFFE0DBDD)
YUV	220.7230, 0.1366, 2.8739
Hunter-Lab	84.6940, -2.5317, 4.2557

Details

The XYZ color **69.1231, 71.7308, 78.6089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0565, 73.6471, 79.6864**, and the grayscale version is **68.5327, 72.1017, 78.5187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5206, 37.7391, 41.4359** is the 20% darker color. If you saturate the color by 10%, you get **61.9477, 60.1330, 67.7277**, and if you desaturate by 10%, it is **77.2325, 84.9649, 90.5116**.

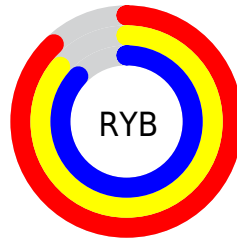
Distribution



Red (88%)

Green (86%)

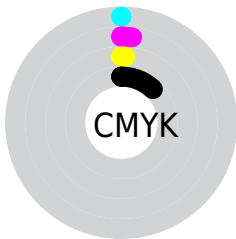
Blue (87%)



Red (88%)

Yellow (86%)

Blue (87%)

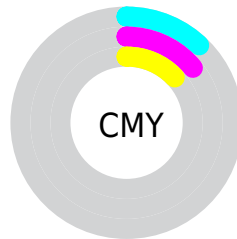


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1231, 71.7308, 78.6089 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 69.1231, 71.7308, 78.6089 by changing the saturation by 10% instead.

■ 69.1231, 71.7308,
78.6089

■ 69.1231, 71.7308,
78.6089

446.7796,
466.6041, 509.8149

■ 51.0890, 52.9388,
58.0549

116.9905,
121.6737, 133.2018

■ 36.5008, 37.7539,
41.4378

147.5545,
153.5934, 168.0778

■ 24.9931, 25.7918,
28.3390

183.0258,
190.6578, 208.5648

■ 16.2006, 16.6679,
18.3401

223.7697,
233.2513, 255.0814

■ 9.7580, 9.9980,
11.0225

270.1518,
281.7583, 308.0462

■ 5.2998, 5.3976,
5.9676

322.5372,

■ 2.4608, 2.4824,

336.5632, 367.8777

2.7569

381.2913,
398.0503, 434.9944

■ 0.8755, 0.8678,
0.9719

■ 0.0000, 0.0000,
0.0000

■ 69.1231, 71.7308,
78.6089

■ 69.1231, 71.7308,
78.6089

■ 61.9477, 60.1330,
67.7277

■ 77.2325, 84.9649,
90.5116

■ 55.6656, 50.0986,
57.8352

■ 83.4288, 94.1387,
102.4999

■ 50.2423, 41.5627,
48.9036

■ 84.5508, 94.5875,
108.4086

■ 45.6384, 34.4524,
40.9021

■ 41.8112, 28.6887,
33.7978

■ 38.7143, 24.1848,
27.5560

■ 36.2958, 20.8435,
22.1388

■ 34.4965, 18.5533,
17.5052

■ 33.2456, 17.1802,
13.6088

Harmonies

Analogous

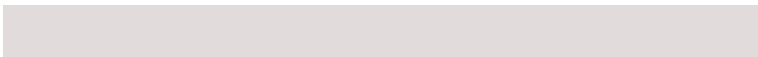
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9071, 71.7308, 79.9009



69.1231, 71.7308, 78.6089



69.0849, 71.7308, 77.1965

Triad

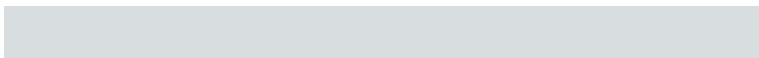
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1231, 71.7308, 78.6089



67.8608, 71.7308, 75.5451



67.5567, 71.7308, 80.2020

Complementary

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



69.1231, 71.7308, 78.6089



69.0565, 73.6471, 79.6864

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.



67.2790, 71.7308, 79.0159



69.1231, 71.7308, 78.6089



67.4540, 71.7308, 76.3315

Square

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



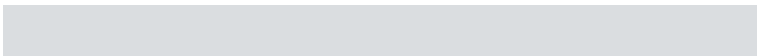
69.1231, 71.7308, 78.6089



68.3545, 71.7308, 75.4392



67.2415, 71.7308, 77.5986



68.0017, 71.7308, 80.8281

Rectangle

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



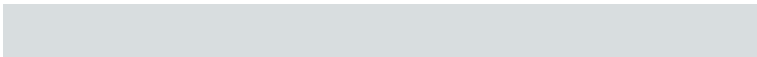
69.1231, 71.7308, 78.6089



68.9205, 71.7308, 76.3762



67.2415, 71.7308, 77.5986



67.4408, 71.7308, 79.8549

Sweetspot

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



69.1251, 71.7339, 78.6105



93.9963, 98.2856, 107.3375



68.9127, 71.5778, 80.7057



20.1302, 21.0552, 22.9911



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.



69.1251, 71.7339, 78.6105



91.9271, 94.9235, 104.2542



68.9912, 71.8892, 77.2613



14.8274, 15.2374, 16.7706



19.0083, 9.6703, 6.7095



1.3609, 0.6876, 0.6933

Inverse Universe

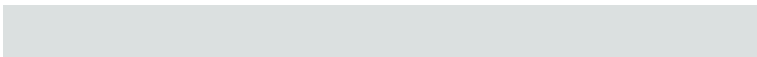
The Inverse Universe completely reimagines the original color for something new.



69.1251, 71.7339, 78.6105



91.9271, 94.9235, 104.2542



69.1917, 73.4866, 81.0594



14.8274, 15.2374, 16.7706



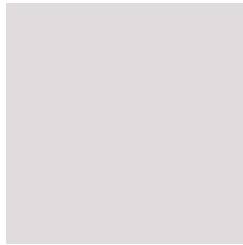
19.0083, 9.6703, 6.7095



1.3609, 0.6876, 0.6933

Previews

White Background



This preview shows how the XYZ color 69.1231, 71.7308, 78.6089 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 69.1231, 71.7308, 78.6089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

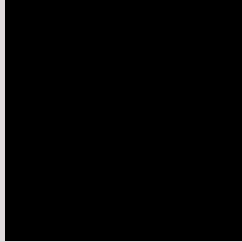
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

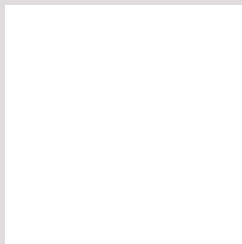
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1231, 71.7308, 78.6089

Background



This preview shows how black text looks on a background with the XYZ color 69.1231, 71.7308, 78.6089.

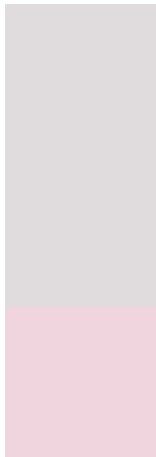


This preview shows how white text looks on a background with the XYZ color 69.1231, 71.7308,

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

69.1231, 71.7308, 78.6089

Protanopia

69.1231, 71.7308, 78.6089

Deuteranopia

72.9142, 71.3877, 79.0434



Tritanopia

71.0282, 71.7350, 87.9445

Trichromacy



Original Color

69.1231, 71.7308, 78.6089

Protanomaly

69.1231, 71.7308, 78.6089

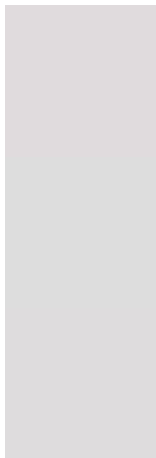
Deuteranomaly

71.4169, 71.3672, 79.1184

Tritanomaly

70.2656, 71.8075, 84.2856

Monochromacy



Original Color

69.1231, 71.7308, 78.6089

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7685, 71.9365, 78.6672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1231, 71.7308, 78.6089 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 69.1231, 71.7308, 78.6089 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, 221) }
```


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

```
.border{ border-color:rgb(224, 219, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1231, 71.7308, 78.6089 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, 221) }
```

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

```
.background{ background-color: rgb(224,  
219, 221) }
```

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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