

Converting Colors

XYZ(70.1831, 71.0387, 78.6526)

Have a look what the booklet for
XYZ(70.1831, 71.0387, 78.6526)
contains.

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Color

**XYZ(70.2401, 71.1552,
78.4389)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D8DD
RGB	230, 216, 221
RGB Percent	90%, 85%, 87%
CMY	0.0980, 0.1529, 0.1333
CMYK	0.00, 0.06, 0.04, 0.10
HSL	339°, 22%, 87%
HSV	339°, 6%, 90%
XYZ	70.2401, 71.1552, 78.4389
YIQ	220.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

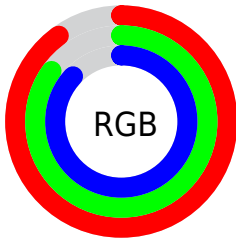
Format	Color
R _{YB}	230, 216, 221
Decimal	15128797
CIE Lab	87.56, 5.67, -0.74
CIE LCh	88, 5.716, 352.595
Yxy	71.1552, 0.3195, 0.3237
Android (android.graphics.Color)	4293318877 (0xFFE6D8DD)
YUV	220.7560, 0.1203, 8.1070
Hunter-Lab	84.3535, 1.0159, 3.9147

Details

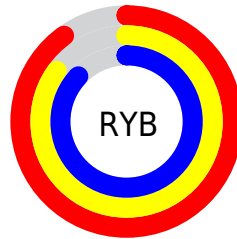
The XYZ color **70.2401, 71.1552, 78.4389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2090, 76.6305, 82.3286**, and the grayscale version is **68.5537, 72.1238, 78.5429**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0834, 37.2416, 41.3102** is the 20% darker color. If you saturate the color by 10%, you get **62.8710, 59.4320, 66.6853**, and if you desaturate by 10%, it is **78.6117, 84.6035, 91.3848**.

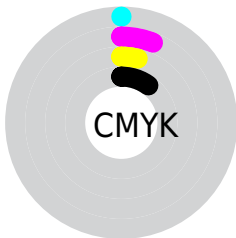
Distribution



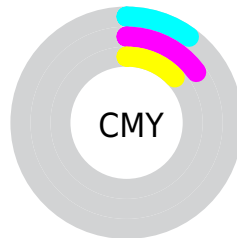
- Red (90%)
- Green (85%)
- Blue (87%)



- Red (90%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2401, 71.1552, 78.4389 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 70.2401, 71.1552, 78.4389 by changing the saturation by 10% instead.

70.2401, 71.1552,
78.4389

70.2401, 71.1552,
78.4389

450.6459,
464.5958, 509.2235

52.0026, 52.4689,
57.9160

118.5755,
120.8547, 132.9601

37.2314, 37.3789,
41.3269

149.4041,
152.6366, 167.7956

25.5612, 25.5010,
28.2530

185.1605,
189.5525, 208.2389

16.6266, 16.4507,
18.2757

226.2099,
231.9869, 254.7087

10.0623, 9.8437,
10.9766

272.9178,
280.3239, 307.6236

5.5029, 5.2954,
5.9372

325.6495,

2.5830, 2.4216,

334.9482, 367.4019

2.7387

384.7704,
396.2440, 434.4624

■ 0.9373, 0.8370,
0.9628

■ 0.0000, 0.0000,
0.0000

■ 70.2401, 71.1552,
78.4389

■ 70.2401, 71.1552,
78.4389

■ 62.8710, 59.4320,
66.6853

■ 78.6117, 84.6035,
91.3848

■ 56.4597, 49.3548,
56.0847

■ 85.7401, 95.2818,
104.7932

■ 50.9672, 40.8519,
46.6019

■ 86.4435, 95.5632,
108.4972

■ 46.3493, 33.8428,
38.1984

■ 42.5582, 28.2397,
30.8331

■ 39.5411, 23.9458,
24.4621

■ 37.2387, 20.8515,
19.0378

■ 35.5824, 18.8294,
14.5077

■ 34.4883, 17.7215,
10.8122

Harmonies

Analogous

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



69.7157, 71.1552, 82.0842



70.2401, 71.1552, 78.4389



70.0580, 71.1552, 74.6522

Triad

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



70.2401, 71.1552, 78.4389



66.6376, 71.1552, 70.8075



66.0649, 71.1552, 83.5380

Complementary

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



70.2401, 71.1552, 78.4389



70.2090, 76.6305, 82.3286

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.



65.2605, 71.1552, 80.3699



70.2401, 71.1552, 78.4389



65.5880, 71.1552, 73.0434

Square

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



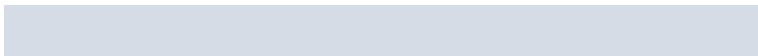
70.2401, 71.1552, 78.4389



67.9663, 71.1552, 70.3292



65.0871, 71.1552, 76.5208



67.2966, 71.1552, 85.0911

Rectangle

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



70.2401, 71.1552, 78.4389



69.5615, 71.1552, 72.5484



65.0871, 71.1552, 76.5208



65.7363, 71.1552, 82.6216

Sweetspot

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



70.2421, 71.1583, 78.4404



92.9210, 96.5796, 105.6077



69.8510, 70.8144, 84.8507



19.9112, 20.7078, 22.6390



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.



70.2421, 71.1583, 78.4404



87.8242, 88.4179, 97.6453



70.0670, 71.8576, 75.1465



14.8993, 14.9484, 16.5249



19.3925, 9.8912, 5.6957



1.4761, 0.7482, 0.6477

Inverse Universe

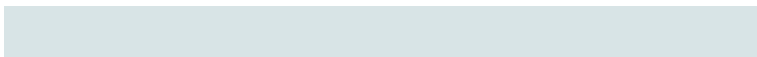
The Inverse Universe completely reimagines the original color for something new.



70.2421, 71.1583, 78.4404



87.8242, 88.4179, 97.6453



70.3842, 75.8741, 85.7993



14.8993, 14.9484, 16.5249



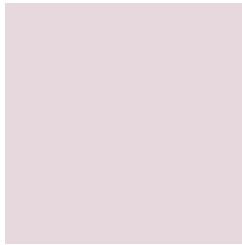
19.3925, 9.8912, 5.6957



1.4761, 0.7482, 0.6477

Previews

White Background



This preview shows how the XYZ color 70.2401, 71.1552, 78.4389 looks on a white background.

Color Contrast Check

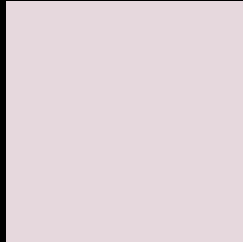
Large Text (above 18pt) WCAG AA × Fail

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 70.2401, 71.1552, 78.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

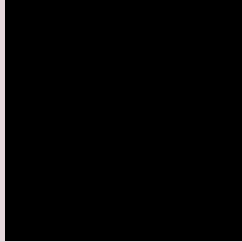
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

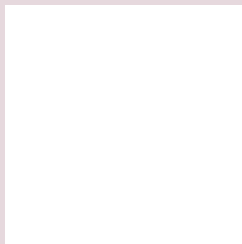
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2401, 71.1552, 78.4389

Background



This preview shows how black text looks on a background with the XYZ color 70.2401, 71.1552, 78.4389.

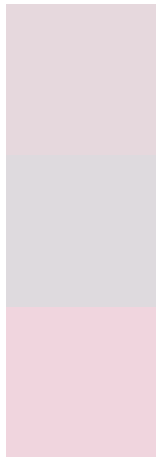


This preview shows how white text looks on a background with the XYZ color 70.2401, 71.1552,

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

70.2401, 71.1552, 78.4389

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

72.9142, 71.3877, 79.0434



Tritanopia

71.4254, 70.8516, 85.5125

Trichromacy



Original Color

70.2401, 71.1552, 78.4389

Protanomaly

69.0490, 70.9072, 79.1544

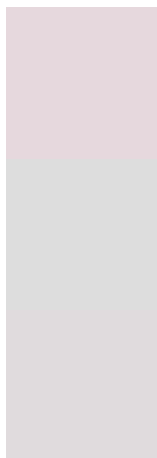
Deuteranomaly

71.8235, 71.1999, 79.0647

Tritanomaly

71.1206, 71.1359, 82.6552

Monochromacy



Original Color

70.2401, 71.1552, 78.4389

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1231, 71.7308, 78.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2401, 71.1552, 78.4389 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(230, 216, 221) looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 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(230, 216, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 221) }
```

Border

The CSS property to change the border of an element to XYZ 70.2401, 71.1552, 78.4389 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(230, 216, 221) }
```


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

```
.border{ border-color:rgb(230, 216, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 216, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 216, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 216, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 216,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2401, 71.1552, 78.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 221) }
```

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

```
.background{ background-color: rgb(230,  
216, 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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