

Converting Colors

XYZ(70.8207, 72.2049, 79.7466)

Have a look what the booklet for
XYZ(70.8207, 72.2049, 79.7466)
contains.

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Color

**XYZ(71.0238, 72.2935,
80.0227)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DADF
RGB	230, 218, 223
RGB Percent	90%, 85%, 87%
CMY	0.0980, 0.1451, 0.1255
CMYK	0.00, 0.05, 0.03, 0.10
HSL	335°, 19%, 88%
HSV	335°, 5%, 90%
XYZ	71.0238, 72.2935, 80.0227
YIQ	222.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

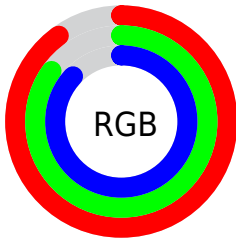
Format	Color
R_{YB}	230, 218, 223
Decimal	15129311
CIE Lab	88.11, 4.98, -0.99
CIE LCh	88, 5.073, 348.765
Yxy	72.2935, 0.3180, 0.3237
Android (android.graphics.Color)	4293319391 (0xFFE6DADF)
YUV	222.1580, 0.4151, 6.8774
Hunter-Lab	85.0256, 0.3103, 3.7165

Details

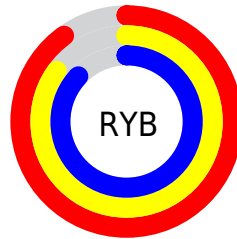
The XYZ color **71.0238, 72.2935, 80.0227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8036, 76.9372, 82.3566**, and the grayscale version is **69.5389, 73.1603, 79.6716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6206, 38.0202, 42.4016** is the 20% darker color. If you saturate the color by 10%, you get **63.7305, 60.4881, 69.0155**, and if you desaturate by 10%, it is **79.2923, 85.8178, 92.0645**.

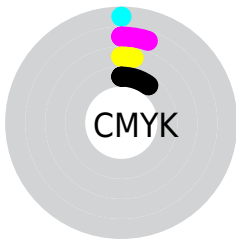
Distribution



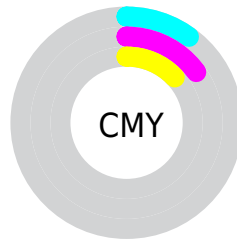
- Red (90%)
- Green (85%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0238, 72.2935, 80.0227 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 71.0238, 72.2935, 80.0227 by changing the saturation by 10% instead.

71.0238, 72.2935,
80.0227

71.0238, 72.2935,
80.0227

453.3472,
468.5625, 514.7181

52.6442, 53.3985,
59.2108

119.6859,
122.4737, 135.2093

37.7452, 38.1210,
42.3617

150.6992,
154.5277, 170.4211

25.9613, 26.0766,
29.0569

186.6544,
191.7368, 211.2699

16.9272, 16.8809,
18.8779

227.9170,
234.4853, 258.1743

10.2776, 10.1496,
11.4062

274.8521,
283.1578, 311.5527

5.6471, 5.4983,
6.2231

327.8253,

2.6703, 2.5425,

338.1386, 371.8238

2.9103

387.2019,
399.8120, 439.4061

■ 0.9819, 0.8978,
1.0490

■ 0.0000, 0.0000,
0.0000

■ 71.0238, 72.2935,
80.0227

■ 71.0238, 72.2935,
80.0227

■ 63.7305, 60.4881,
69.0155

■ 79.2923, 85.8178,
92.0645

■ 57.3690, 50.3230,
59.0093

■ 85.6244, 95.2355,
104.1834

■ 51.9018, 41.7277,
49.9758

■ 86.4436, 95.5632,
108.4972

■ 47.2863, 34.6227,
41.8830

■ 43.4762, 28.9214,
34.6974

■ 40.4208, 24.5285,
28.3827

■ 38.0630, 21.3363,
22.8999

■ 36.3368, 19.2199,
18.2059

■ 35.1621, 18.0262,
14.2517

Harmonies

Analogous

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



70.4801, 72.2935, 83.1966



71.0238, 72.2935, 80.0227



70.9429, 72.2935, 76.5880

Triad

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



71.0238, 72.2935, 80.0227



67.9659, 72.2935, 72.5641



67.1883, 72.2935, 83.8414

Complementary

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



71.0238, 72.2935, 80.0227



70.8036, 76.9372, 82.3566

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.



66.5300, 72.2935, 80.8817



71.0238, 72.2935, 80.0227



66.9753, 72.2935, 74.3979

Square

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



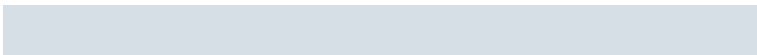
71.0238, 72.2935, 80.0227



69.1678, 72.2935, 72.3494



66.4525, 72.2935, 77.4223



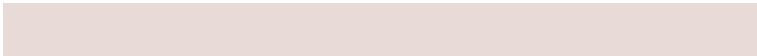
68.2598, 72.2935, 85.4441

Rectangle

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



71.0238, 72.2935, 80.0227



70.5458, 72.2935, 74.6103



66.4525, 72.2935, 77.4223



66.9119, 72.2935, 82.9682

Sweetspot

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



71.0259, 72.2966, 80.0243



92.9690, 96.5989, 105.8609



70.4082, 71.8669, 85.0247



19.9210, 20.7118, 22.6905



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.



71.0259, 72.2966, 80.0243



88.9575, 90.0619, 99.9420



70.6220, 72.5511, 76.6150



15.0836, 15.2116, 16.9110



19.7226, 10.0233, 7.4342



1.5028, 0.7588, 0.7885

Inverse Universe

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



71.0259, 72.2966, 80.0243



88.9575, 90.0619, 99.9420



71.2180, 76.6591, 85.9070



15.0836, 15.2116, 16.9110



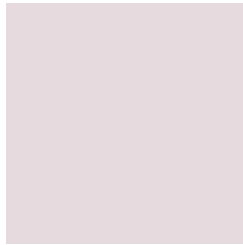
19.7226, 10.0233, 7.4342



1.5028, 0.7588, 0.7885

Previews

White Background



This preview shows how the XYZ color 71.0238, 72.2935, 80.0227 looks on a white background.

Color Contrast Check

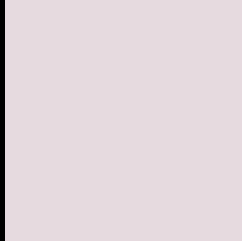
Large Text (above 18pt) WCAG AA × Fail

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 71.0238, 72.2935, 80.0227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

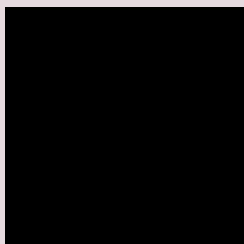
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

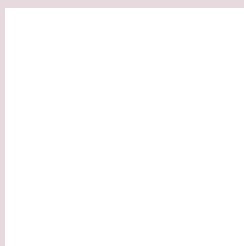
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0238, 72.2935, 80.0227

Background



This preview shows how black text looks on a background with the XYZ color 71.0238, 72.2935, 80.0227.

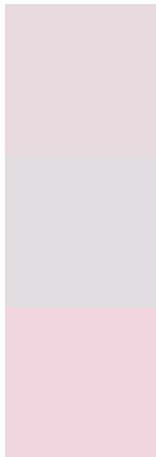


This preview shows how white text looks on a background with the XYZ color 71.0238, 72.2935,

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

71.0238, 72.2935, 80.0227

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

73.7767, 72.1757, 80.5639



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

71.0238, 72.2935, 80.0227

Protanomaly

70.1501, 72.2136, 80.7623

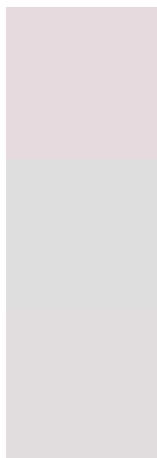
Deuteranomaly

72.6800, 71.9872, 80.5853

Tritanomaly

71.9107, 72.2718, 84.2885

Monochromacy



Original Color

71.0238, 72.2935, 80.0227

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.0926, 72.9944, 79.5023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0238, 72.2935, 80.0227 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, 218, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 223)  
}
```

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, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.0238, 72.2935, 80.0227 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, 218, 223) }
```


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

```
.border{ border-color:rgb(230, 218, 223) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0238, 72.2935, 80.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 223) }
```

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

```
.background{ background-color: rgb(230,  
218, 223) }
```

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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