

Converting Colors

XYZ(70.2572, 71.7900, 82.3070)

Have a look what the booklet for
XYZ(70.2572, 71.7900, 82.3070)
contains.

XYZ(70.1629, 71.8025, 82.1128)	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(70.1629, 71.8025,
82.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DAE2
RGB	226, 218, 226
RGB Percent	89%, 85%, 89%
CMY	0.1137, 0.1451, 0.1137
CMYK	0.00, 0.04, 0.00, 0.11
HSL	300°, 12%, 87%
HSV	300°, 4%, 89%
XYZ	70.1629, 71.8025, 82.1128
YIQ	221.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

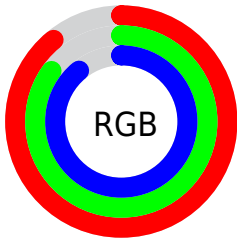
Format	Color
R _Y B	226, 218, 226
Decimal	14867170
CIE Lab	87.87, 4.15, -2.95
CIE LCh	88, 5.096, 324.581
Yxy	71.8025, 0.3131, 0.3204
Android (android.graphics.Color)	4293057250 (0xFFE2DAE2)
YUV	221.3040, 2.3151, 4.1184
Hunter-Lab	84.7364, -0.4881, 1.8612

Details

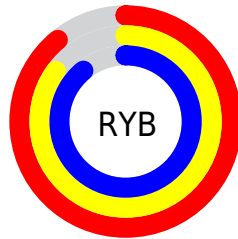
The XYZ color **70.1629, 71.8025, 82.1128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7674, 74.3620, 77.0622**, and the grayscale version is **68.9257, 72.5152, 78.9690**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2425, 37.7926, 43.8599** is the 20% darker color. If you saturate the color by 10%, you get **64.6982, 60.8720, 80.2920**, and if you desaturate by 10%, it is **76.4308, 84.3373, 84.2031**.

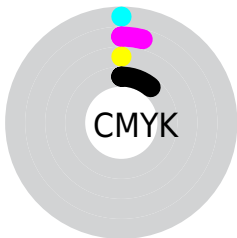
Distribution



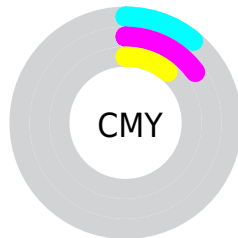
- Red (89%)
- Green (85%)
- Blue (89%)



- Red (89%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1629, 71.8025, 82.1128 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 70.1629, 71.8025, 82.1128 by changing the saturation by 10% instead.

70.1629, 71.8025,
82.1128

70.1629, 71.8025,
82.1128

450.3793,
466.8539, 521.9183

51.9394, 52.9974,
60.9222

118.4660,
121.7757, 138.1703

37.1809, 37.8007,
43.7322

149.2764,
153.7125, 173.8742

25.5219, 25.8280,
30.1244

185.0131,
190.7954, 215.2530

16.5971, 16.6950,
19.6802

226.0415,
233.4087, 262.7251

10.0412, 10.0173,
11.9810

272.7270,
281.9368, 316.7092

5.4887, 5.4104,
6.6084

325.4349,

2.5745, 2.4900,

336.7641, 377.6237

3.1437

384.5305,
398.2750, 445.8872

■ 0.9330, 0.8716,
1.1685

■ 0.0000, 0.0000,
0.0000

■ 70.1629, 71.8025,
82.1128

■ 70.1629, 71.8025,
82.1128

■ 64.6982, 60.8720,
80.2920

■ 76.4308, 84.3373,
84.2031

■ 59.9983, 51.4724,
78.7252

■ 80.8523, 93.1801,
85.6771

■ 56.0312, 43.5381,
77.4027

■ 80.8523, 93.1801,
85.6772

■ 52.7598, 36.9954,
76.3121

■ 80.8523, 93.1801,
85.6774

50.1441, 31.7641,
75.4400

80.8523, 93.1801,
85.6775

48.1399, 27.7557,
74.7718

80.8524, 93.1801,
85.6777

46.6976, 24.8712,
74.2909

80.8524, 93.1802,
85.6778

45.7599, 22.9958,
73.9782

80.8524, 93.1802,
85.6780

45.2572, 21.9905,
73.8105

80.8525, 93.1802,
85.6781

Harmonies

Analogous

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



69.2201, 71.8025, 84.4083



70.1629, 71.8025, 82.1128



70.5925, 71.8025, 78.8127

Triad

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



70.1629, 71.8025, 82.1128



68.4664, 71.8025, 71.7230



66.1488, 71.8025, 80.9900

Complementary

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



70.1629, 71.8025, 82.1128



68.7674, 74.3620, 77.0622

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.



65.9523, 71.8025, 77.5521



70.1629, 71.8025, 82.1128



67.2813, 71.8025, 72.2672

Square

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



70.1629, 71.8025, 82.1128



69.6056, 71.8025, 72.8670



66.3646, 71.8025, 74.3762



66.9044, 71.8025, 83.7467

Rectangle

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



70.1629, 71.8025, 82.1128



70.5264, 71.8025, 76.5125



66.3646, 71.8025, 74.3762



66.0156, 71.8025, 79.8730

Sweetspot

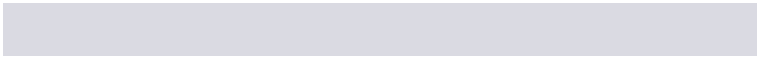
The Sweet Spot groups the original color and five complimentary colors.



70.1650, 71.8056, 82.1144



94.2419, 98.3838, 108.6306



67.7154, 70.5428, 81.9998



20.1802, 21.0752, 23.2543



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.



70.1650, 71.8056, 82.1144



91.8819, 93.6639, 107.8439



69.6226, 71.5886, 79.2581



14.8584, 15.0623, 17.5119



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Inverse Universe

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



70.1650, 71.8056, 82.1144



91.8819, 93.6639, 107.8439



69.2971, 74.5739, 79.8515



14.8584, 15.0623, 17.5119



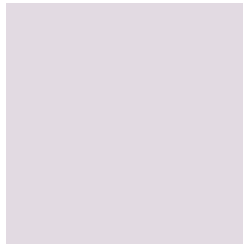
25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 70.1629, 71.8025, 82.1128 looks on a white background.

Color Contrast Check

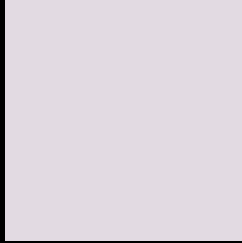
Large Text (above 18pt) WCAG AA × Fail

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 70.1629, 71.8025, 82.1128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

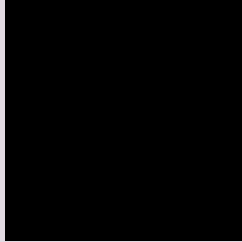
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

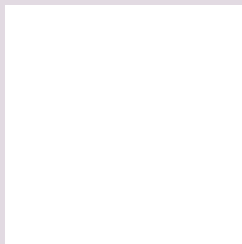
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1629, 71.8025, 82.1128

Background



This preview shows how black text looks on a background with the XYZ color 70.1629, 71.8025, 82.1128.

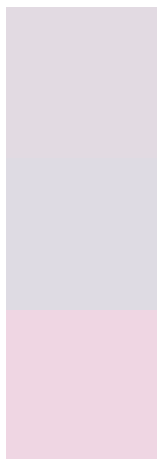


This preview shows how white text looks on a background with the XYZ color 70.1629, 71.8025,

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

70.1629, 71.8025, 82.1128

Protanopia

69.3208, 71.7387, 82.8664

Deuteranopia

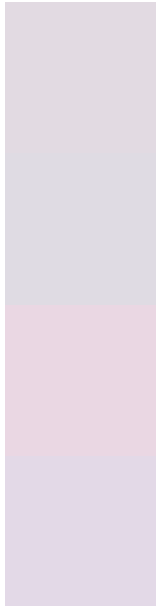
73.5083, 71.9899, 82.6942



Tritanopia

71.3427, 71.8971, 87.9593

Trichromacy



Original Color

70.1629, 71.8025, 82.1128

Protanomaly

69.6281, 71.8971, 82.8808

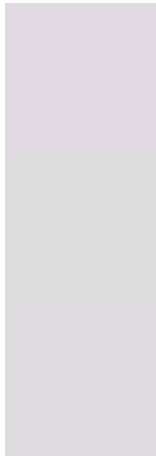
Deuteranomaly

72.0973, 71.6394, 82.7009

Tritanomaly

70.9152, 71.7261, 85.7082

Monochromacy



Original Color

70.1629, 71.8025, 82.1128

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.3439, 72.2021, 80.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1629, 71.8025, 82.1128 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(226, 218, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 226)  
}
```

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(226, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.1629, 71.8025, 82.1128 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(226, 218, 226) }
```


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

```
.border{ border-color:rgb(226, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1629, 71.8025, 82.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 226) }
```

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

```
.background{ background-color: rgb(226,  
218, 226) }
```

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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