

Converting Colors

XYZ(71.1189, 70.7983, 80.8735)

Have a look what the booklet for
XYZ(71.1189, 70.7983, 80.8735)
contains.

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Color

**XYZ(71.2414, 70.8530,
81.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D6E1
RGB	233, 214, 225
RGB Percent	91%, 84%, 88%
CMY	0.0863, 0.1608, 0.1176
CMYK	0.00, 0.08, 0.03, 0.09
HSL	325°, 30%, 88%
HSV	325°, 8%, 91%
XYZ	71.2414, 70.8530, 81.1553
YIQ	220.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

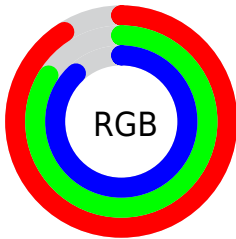
Format	Color
R_{YB}	233, 214, 225
Decimal	15324897
CIE _{Lab}	87.41, 8.44, -3.04
CIE _{LCh}	87, 8.968, 340.213
Yxy	70.8530, 0.3191, 0.3174
Android (android.graphics.Color)	4293514977 (0xFFE9D6E1)
YUV	220.9350, 2.0040, 10.5810
Hunter-Lab	84.1742, 3.7697, 1.7584

Details

The XYZ color **71.2414, 70.8530, 81.1553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0579, 77.8497, 80.4450**, and the grayscale version is **68.6659, 72.2419, 78.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7853, 37.0457, 43.1892** is the 20% darker color. If you saturate the color by 10%, you get **64.4613, 59.3731, 72.4800**, and if you desaturate by 10%, it is **78.9459, 84.0568, 90.5201**.

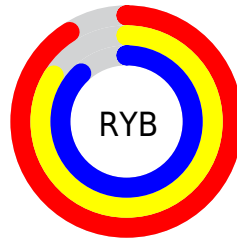
Distribution



Red (91%)

Green (84%)

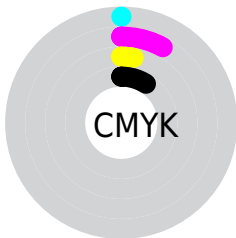
Blue (88%)



Red (91%)

Yellow (84%)

Blue (88%)

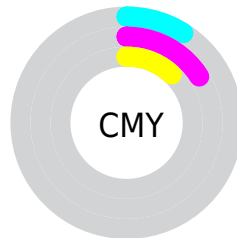


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2414, 70.8530, 81.1553 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 71.2414, 70.8530, 81.1553 by changing the saturation by 10% instead.

71.2414, 70.8530,
81.1553

71.2414, 70.8530,
81.1553

454.0956,
463.5394, 518.6269

52.8225, 52.2222,
60.1378

119.9940,
120.4244, 136.8148

37.8880, 37.1823,
43.1037

151.0584,
152.1338, 172.2939

26.0726, 25.3486,
29.6345

187.0687,
188.9716, 213.4306

17.0109, 16.3370,
19.3116

228.3902,
231.3221, 260.6434

10.3376, 9.7629,
11.7166

275.3883,
279.5697, 314.3509

5.6874, 5.2421,
6.4308

328.4283,

2.6948, 2.3900,

334.0989, 374.9716

3.0358

387.8756,
395.2940, 442.9241

■ 0.9945, 0.8207,
1.1129

■ 0.0000, 0.0000,
0.0000

■ 71.2414, 70.8530,
81.1553

■ 71.2414, 70.8530,
81.1553

■ 64.4613, 59.3731,
72.4800

■ 78.9459, 84.0568,
90.5201

■ 58.5627, 49.5360,
64.4709

■ 85.7891, 95.4136,
99.9827

■ 53.5081, 41.2679,
57.1099

■ 87.3245, 96.0278,
108.0677

■ 49.2549, 34.4858,
50.3762

■ 87.4147, 96.0638,
108.5427

■ 45.7566, 29.0990,
44.2475

■ 42.9617, 25.0066,
38.6995

■ 40.8117, 22.0941,
33.7054

■ 39.2380, 20.2267,
29.2350

■ 38.1444, 19.2145,
25.2482

Harmonies

Analogous

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



70.0023, 70.8530, 86.3828



71.2414, 70.8530, 81.1553



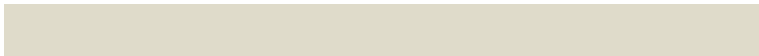
71.4239, 70.8530, 75.1011

Triad

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



71.2414, 70.8530, 81.1553



66.6255, 70.8530, 66.2476



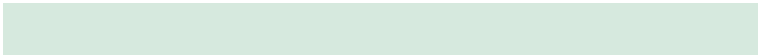
64.2870, 70.8530, 84.9097

Complementary

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



71.2414, 70.8530, 81.1553



70.0579, 77.8497, 80.4450

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.



63.4219, 70.8530, 79.2295



71.2414, 70.8530, 81.1553



64.7532, 70.8530, 68.5939

Square

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



71.2414, 70.8530, 81.1553



68.7291, 70.8530, 66.7030



63.5907, 70.8530, 73.2727



65.9769, 70.8530, 88.6277

Rectangle

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



71.2414, 70.8530, 81.1553



70.9178, 70.8530, 71.4357



63.5907, 70.8530, 73.2727



63.8917, 70.8530, 83.1546

Sweetspot

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



71.2434, 70.8561, 81.1568



93.1006, 96.6515, 106.5538



68.8559, 69.4962, 86.8767



19.9478, 20.7225, 22.8316



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.



71.2434, 70.8561, 81.1568



85.7667, 84.1232, 97.5129



69.9941, 70.3564, 74.5782



15.4310, 15.2003, 17.5552



21.6075, 10.8457, 14.2662



1.7446, 0.8708, 1.3723

Inverse Universe

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



71.2434, 70.8561, 81.1568



85.7667, 84.1232, 97.5129



71.3554, 78.3687, 87.2772



15.4310, 15.2003, 17.5552



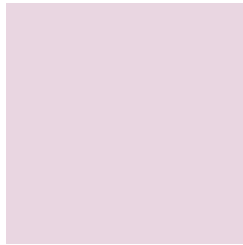
21.6075, 10.8457, 14.2662



1.7446, 0.8708, 1.3723

Previews

White Background



This preview shows how the XYZ color 71.2414, 70.8530, 81.1553 looks on a white background.

Color Contrast Check

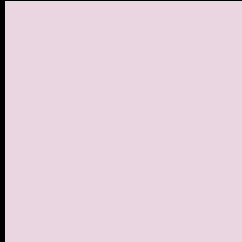
Large Text (above 18pt) WCAG AA × Fail

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 71.2414, 70.8530, 81.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

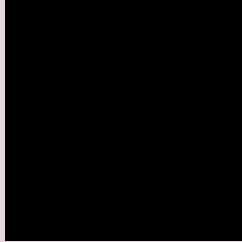
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2414, 70.8530, 81.1553

Background



This preview shows how black text looks on a background with the XYZ color 71.2414, 70.8530, 81.1553.



This preview shows how white text looks on a background with the XYZ color 71.2414, 70.8530,

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

71.2414, 70.8530, 81.1553

Protanopia

68.7553, 71.0610, 82.7654

Deuteranopia

72.0591, 70.5277, 81.0495



Tritanopia

72.0089, 70.7941, 84.7323

Trichromacy



Original Color

71.2414, 70.8530, 81.1553

Protanomaly

69.5917, 71.1242, 82.0120

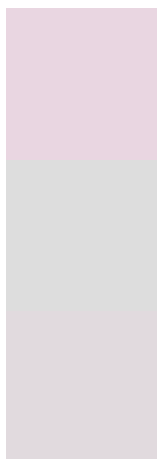
Deuteranomaly

71.9769, 70.8576, 81.1175

Tritanomaly

71.7295, 70.6824, 83.2613

Monochromacy



Original Color

71.2414, 70.8530, 81.1553

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.3076, 71.4243, 79.2406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2414, 70.8530, 81.1553 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(233, 214, 225) looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 225)  
}
```

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(233, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.2414, 70.8530, 81.1553 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(233, 214, 225) }
```


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

```
.border{ border-color:rgb(233, 214, 225) }
```

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

Here you see how a box with a 4 pixel rgb(233, 214, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2414, 70.8530, 81.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 214, 225) }
```

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

```
.background{ background-color: rgb(233,  
214, 225) }
```

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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