

Converting Colors

XYZ(71.1647, 71.0321, 84.6448)

Have a look what the booklet for
XYZ(71.1647, 71.0321, 84.6448)
contains.

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Color

**XYZ(71.2165, 71.1370,
84.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D7E6
RGB	230, 215, 230
RGB Percent	90%, 84%, 90%
CMY	0.0980, 0.1568, 0.0980
CMYK	0.00, 0.07, 0.00, 0.10
HSL	300°, 23%, 87%
HSV	300°, 7%, 90%
XYZ	71.2165, 71.1370, 84.8402
YIQ	221.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

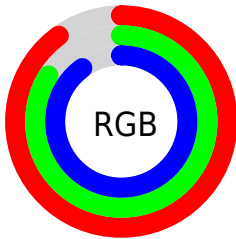
Format	Color
R _Y B	230, 215, 230
Decimal	15128550
CIE Lab	87.55, 7.79, -5.50
CIE LCh	88, 9.538, 324.770
Yxy	71.1370, 0.3135, 0.3131
Android (android.graphics.Color)	4293318630 (0xFFE6D7E6)
YUV	221.1950, 4.3409, 7.7220
Hunter-Lab	84.3428, 3.1202, -0.5998

Details

The XYZ color **71.2165, 71.1370, 84.8402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5896, 75.9490, 75.3382**, and the grayscale version is **68.8343, 72.4191, 78.8644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7642, 37.2354, 45.7542** is the 20% darker color. If you saturate the color by 10%, you get **65.7675, 60.2380, 83.0245**, and if you desaturate by 10%, it is **77.4929, 83.6888, 86.9334**.

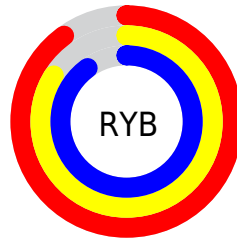
Distribution



Red (90%)

Green (84%)

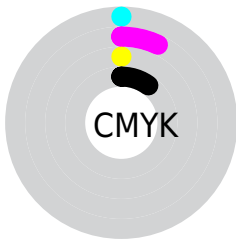
Blue (90%)



Red (90%)

Yellow (84%)

Blue (90%)

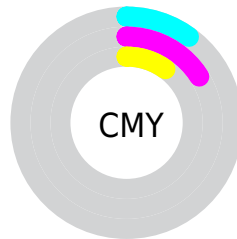


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2165, 71.1370, 84.8402 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 71.2165, 71.1370, 84.8402 by changing the saturation by 10% instead.

71.2165, 71.1370,
84.8402

71.2165, 71.1370,
84.8402

454.0100,
464.5322, 531.2299

52.8021, 52.4540,
63.1600

119.9588,
120.8288, 142.0221

37.8716, 37.3671,
45.5288

151.0173,
152.6063, 178.3608

26.0598, 25.4918,
31.5282

187.0213,
189.5176, 220.4227

17.0013, 16.4439,
20.7395

228.3361,
231.9468, 268.6265

10.3307, 9.8388,
12.7444

275.3270,
280.2785, 323.3905

5.6827, 5.2922,
7.1241

328.3593,

2.6920, 2.4197,

334.8971, 385.1334

3.4602

387.7986,
396.1868, 454.2737

■ 0.9930, 0.8360,
1.3342

■ 0.0000, 0.0000,
0.0895

■ 71.2165, 71.1370,
84.8402

■ 71.2165, 71.1370,
84.8402

■ 65.7675, 60.2380,
83.0245

■ 77.4929, 83.6888,
86.9334

■ 61.1056, 50.9142,
81.4703

■ 82.6769, 94.0566,
88.6616

■ 57.1963, 43.0957,
80.1670

■ 82.6769, 94.0566,
88.6619

■ 54.0001, 36.7035,
79.1014

■ 82.6770, 94.0566,
88.6621

51.4741, 31.6516,
78.2591

82.6770, 94.0566,
88.6624

49.5707, 27.8448,
77.6244

82.6771, 94.0566,
88.6626

48.2358, 25.1751,
77.1792

82.6771, 94.0566,
88.6629

47.4065, 23.5165,
76.9026

82.6772, 94.0567,
88.6631

47.0032, 22.7101,
76.7679

82.6772, 94.0567,
88.6633

Harmonies

Analogous

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



69.4460, 71.1370, 89.2837



71.2165, 71.1370, 84.8402



72.0227, 71.1370, 78.5931

Triad

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



71.2165, 71.1370, 84.8402



68.0094, 71.1370, 65.7397



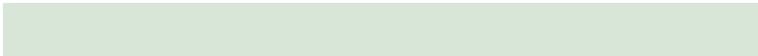
63.7536, 71.1370, 82.7747

Complementary

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



71.2165, 71.1370, 84.8402



68.5896, 75.9490, 75.3382

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.



63.3882, 71.1370, 76.3301



71.2165, 71.1370, 84.8402



65.8136, 71.1370, 66.7221

Square

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



71.2165, 71.1370, 84.8402



70.1450, 71.1370, 67.7517



64.1343, 71.1370, 70.5134



65.1438, 71.1370, 88.0455

Rectangle

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



71.2165, 71.1370, 84.8402



71.8922, 71.1370, 74.3341



64.1343, 71.1370, 70.5134



63.5082, 71.1370, 80.6643

Sweetspot

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



71.2186, 71.1401, 84.8417



93.4445, 96.7891, 108.3648



66.6108, 68.7647, 84.6263



20.0178, 20.7505, 23.2001



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.



71.2186, 71.1401, 84.8417



88.8839, 87.6678, 106.8444



70.1878, 70.7278, 79.4141



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4446



1.9628, 0.9428, 3.2104

Inverse Universe

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



71.2186, 71.1401, 84.8417



88.8839, 87.6678, 106.8444



69.5756, 76.3434, 80.5303



14.9952, 14.6153, 18.1750



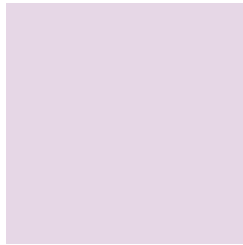
26.5610, 12.7586, 43.4446



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 71.2165, 71.1370, 84.8402 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 71.2165, 71.1370, 84.8402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

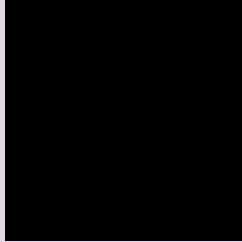
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

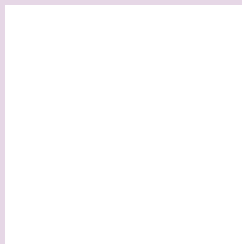
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2165, 71.1370, 84.8402

Background



This preview shows how black text looks on a background with the XYZ color 71.2165, 71.1370, 84.8402.

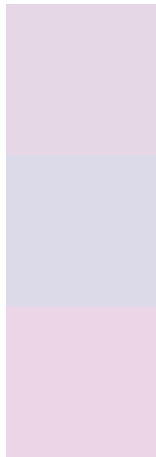


This preview shows how white text looks on a background with the XYZ color 71.2165, 71.1370,

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

71.2165, 71.1370, 84.8402

Protanopia

69.1521, 71.1846, 86.4392

Deuteranopia

72.6692, 71.1345, 84.7632



Tritanopia

71.4991, 71.2501, 86.3282

Trichromacy



Original Color

71.2165, 71.1370, 84.8402

Protanomaly

69.9771, 71.2425, 85.6643

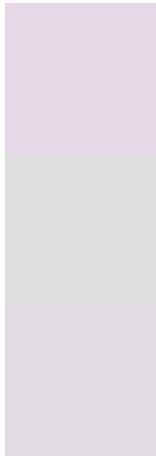
Deuteranomaly

72.2612, 71.2987, 84.8164

Tritanomaly

71.3574, 71.1934, 85.5821

Monochromacy



Original Color

71.2165, 71.1370, 84.8402

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5265, 71.8921, 80.7331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2165, 71.1370, 84.8402 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, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 230)  
}
```

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, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.2165, 71.1370, 84.8402 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, 215, 230) }
```


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

```
.border{ border-color:rgb(230, 215, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 215, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2165, 71.1370, 84.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 230) }
```

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

```
.background{ background-color: rgb(230,  
215, 230) }
```

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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