

Converting Colors

XYZ(73.1292, 71.3179, 84.3622)

Have a look what the booklet for
XYZ(73.1292, 71.3179, 84.3622)
contains.

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Color

**XYZ(73.1970, 71.4228,
84.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	EED5E5
RGB	238, 213, 229
RGB Percent	93%, 84%, 90%
CMY	0.0667, 0.1647, 0.1020
CMYK	0.00, 0.11, 0.04, 0.07
HSL	322°, 42%, 88%
HSV	322°, 11%, 93%
XYZ	73.1970, 71.4228, 84.0568
YIQ	222.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

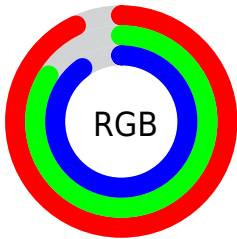
Format	Color
R _Y B	238, 213, 229
Decimal	15652325
CIE Lab	87.69, 11.37, -4.70
CIE LCh	88, 12.297, 337.554
Yxy	71.4228, 0.3201, 0.3123
Android (android.graphics.Color)	4293842405 (0xFFEED5E5)
YUV	222.2990, 3.3036, 13.7698
Hunter-Lab	84.5120, 6.7053, 0.1878

Details

The XYZ color **73.1970, 71.4228, 84.0568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2027, 80.5710, 80.9101**, and the grayscale version is **69.6167, 73.2422, 79.7608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1582, 37.4548, 45.2100** is the 20% darker color. If you saturate the color by 10%, you get **66.4777, 59.8513, 76.0592**, and if you desaturate by 10%, it is **80.8579, 84.7812, 92.6615**.

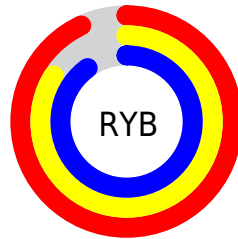
Distribution



Red (93%)

Green (84%)

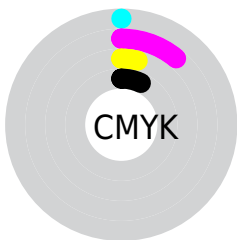
Blue (90%)



Red (93%)

Yellow (84%)

Blue (90%)

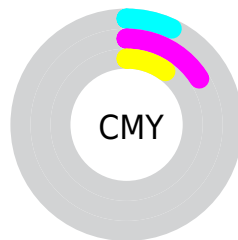


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1970, 71.4228, 84.0568 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 73.1970, 71.4228, 84.0568 by changing the saturation by 10% instead.


 73.1970, 71.4228,
84.0568

 73.1970, 71.4228,
84.0568


460.7905,
465.5301, 528.5648

 54.4260, 52.6873,
62.5167

122.7585,
121.2355, 140.9171

 39.1744, 37.5532,
45.0118

154.2796,
153.0816, 177.0743

 27.0767, 25.6361,
31.1237


190.7816,
190.0666, 218.9409

 17.7678, 16.5516,
20.4338

232.6297,
232.5750, 266.9356

 10.8821, 9.9153,
12.5236

280.1893,
280.9911, 321.4768

 6.0543, 5.3428,
6.9745

333.8257,

 2.9191, 2.4498,

335.6994, 382.9830

3.3679

393.9043,
397.0843, 451.8728

■ 1.1111, 0.8513,
1.2854

■ 0.0344, 0.0000,
0.0498

■ 73.1970, 71.4228,
84.0568

■ 73.1970, 71.4228,
84.0568

■ 66.4777, 59.8513,
76.0592

■ 80.8579, 84.7812,
92.6615

■ 60.6550, 49.9806,
68.6468

■ 87.6764, 96.3598,
101.2800

■ 55.6892, 41.7319,
61.8031

■ 89.0236, 96.8987,
108.3742

■ 51.5349, 35.0160,
55.5086

■ 89.0703, 96.9174,
108.6202

■ 48.1428, 29.7354,
49.7424

■ 45.4576, 25.7811,
44.4815

■ 43.4161, 23.0283,
39.7002

■ 41.9432, 21.3283,
35.3686

■ 40.9530, 20.4544,
31.6273

Harmonies

Analogous

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



71.3582, 71.4228, 91.1960



73.1970, 71.4228, 84.0568



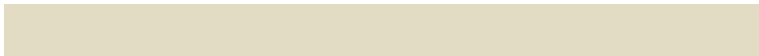
73.5929, 71.4228, 75.6765

Triad

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



73.1970, 71.4228, 84.0568



67.1512, 71.4228, 62.9188



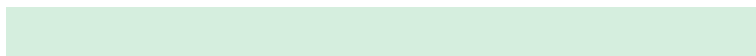
63.5391, 71.4228, 87.9645

Complementary

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



73.1970, 71.4228, 84.0568



71.2027, 80.5710, 80.9101

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.



62.4805, 71.4228, 79.8962



73.1970, 71.4228, 84.0568



64.5268, 71.4228, 65.7261

Square

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



73.1970, 71.4228, 84.0568



70.0472, 71.4228, 63.8581



62.8369, 71.4228, 71.7996



65.7682, 71.4228, 93.5624

Rectangle

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



73.1970, 71.4228, 84.0568



72.9753, 71.4228, 70.5774



62.8369, 71.4228, 71.7996



63.0376, 71.4228, 85.4296

Sweetspot

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



73.1991, 71.4259, 84.0583



92.2175, 95.0397, 105.7837



69.2774, 69.2552, 90.6062



19.5800, 20.0657, 22.4662



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.



73.1991, 71.4259, 84.0583



83.5088, 79.8978, 95.8652



71.5485, 70.7657, 75.3668



16.1987, 15.9292, 18.6023



22.9114, 11.4370, 17.9820



1.9534, 0.9704, 1.7455

Inverse Universe

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



73.1991, 71.4259, 84.0583



83.5088, 79.8978, 95.8652



72.9046, 81.2518, 89.8725



16.1987, 15.9292, 18.6023



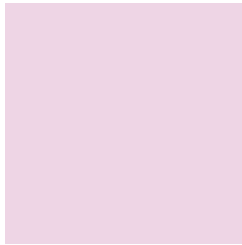
22.9114, 11.4370, 17.9820



1.9534, 0.9704, 1.7455

Previews

White Background



This preview shows how the XYZ color 73.1970, 71.4228, 84.0568 looks on a white background.

Color Contrast Check

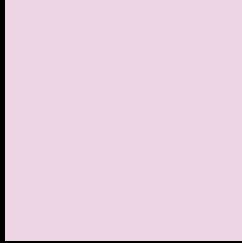
Large Text (above 18pt) WCAG AA × Fail

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 73.1970, 71.4228, 84.0568 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 73.1970, 71.4228, 84.0568

Background



This preview shows how black text looks on a background with the XYZ color 73.1970, 71.4228, 84.0568.

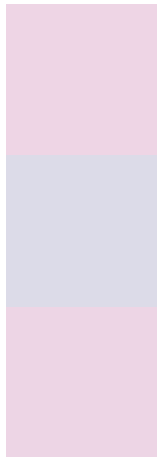


This preview shows how white text looks on a background with the XYZ color 73.1970, 71.4228,

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

73.1970, 71.4228, 84.0568

Protanopia

69.4122, 71.7049, 86.5259

Deuteranopia

72.8622, 71.2502, 84.0411



Tritanopia

73.3371, 71.4788, 84.7944

Trichromacy



Original Color

73.1970, 71.4228, 84.0568

Protanomaly

70.9152, 71.7261, 85.7082

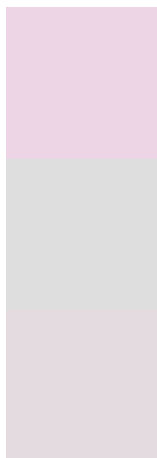
Deuteranomaly

72.8622, 71.2502, 84.0411

Tritanomaly

73.3371, 71.4788, 84.7944

Monochromacy



Original Color

73.1970, 71.4228, 84.0568

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.9170, 72.5933, 81.5083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1970, 71.4228, 84.0568 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(238, 213, 229)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 229)  
}
```

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(238, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.1970, 71.4228, 84.0568 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(238, 213, 229) }
```


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

```
.border{ border-color:rgb(238, 213, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 229);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1970, 71.4228, 84.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 229) }
```

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

```
.background{ background-color: rgb(238,  
213, 229) }
```

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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