

Converting Colors

XYZ(71.4282, 73.4570, 89.7708)

Have a look what the booklet for
XYZ(71.4282, 73.4570, 89.7708)
contains.

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Color

**XYZ(71.4282, 73.4570,
89.7708)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDEC
RGB	223, 221, 236
RGB Percent	87%, 87%, 93%
CMY	0.1255, 0.1333, 0.0745
CMYK	0.06, 0.06, 0.00, 0.07
HSL	248°, 28%, 90%
HSV	248°, 6%, 93%
XYZ	71.4282, 73.4570, 89.7708
YIQ	223.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

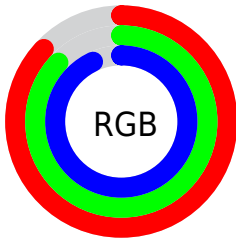
Format	Color
R _Y B	223, 221, 236
Decimal	14671340
CIE Lab	88.67, 3.44, -7.08
CIE LCh	89, 7.872, 295.916
Yxy	73.4570, 0.3044, 0.3130
Android (android.graphics.Color)	4292861420 (0xFFDFDDEC)
YUV	223.3080, 6.2572, -0.2701
Hunter-Lab	85.7071, -1.2256, -2.1063

Details

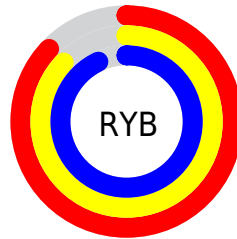
The XYZ color **71.4282, 73.4570, 89.7708** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9810, 82.7057, 80.3167**, and the grayscale version is **70.3187, 73.9808, 80.5651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0229, 38.8926, 48.6830** is the 20% darker color. If you saturate the color by 10%, you get **59.7034, 58.8055, 87.5619**, and if you desaturate by 10%, it is **84.7947, 90.2591, 92.3106**.

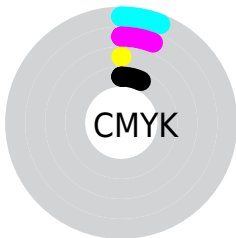
Distribution



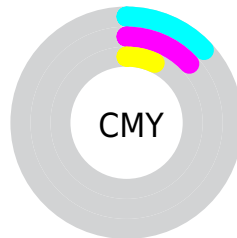
- Red (87%)
- Green (87%)
- Blue (93%)



- Red (87%)
- Yellow (87%)
- Blue (93%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4282, 73.4570, 89.7708 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 71.4282, 73.4570, 89.7708 by changing the saturation by 10% instead.

■ 71.4282, 73.4570,
89.7708

■ 71.4282, 73.4570,
89.7708

454.7375,
472.5972, 547.8358

■ 52.9755, 54.3497,
67.2179

120.2584,
124.1258, 148.9527

■ 38.0106, 38.8813,
48.7990

151.3667,
156.4560, 186.4188

■ 26.1682, 26.6674,
34.0956

187.4242,
193.9628, 229.6931

■ 17.0828, 17.3236,
22.6891

228.7962,
237.0304, 279.1941

■ 10.3892, 10.4655,
14.1610

275.8483,
286.0432, 335.3403

■ 5.7220, 5.7087,
8.0927

328.9456,

■ 2.7158, 2.6687,

341.3857, 398.5503

4.0657

388.4535,
403.4422, 469.2427

■ 1.0053, 0.9613,
1.6615

■ 0.0000, 0.0000,
0.3341

■ 71.4282, 73.4570,
89.7708

■ 71.4282, 73.4570,
89.7708

■ 59.7034, 58.8055,
87.5619

■ 84.7947, 90.2591,
92.3106

■ 49.5506, 46.2085,
85.6655

■ 92.1405, 98.8362,
93.5789

■ 40.9044, 35.5768,
84.0691

■ 33.6924, 26.8107,
82.7572

■ 27.8361, 19.8018,
81.7130

■ 23.2494, 14.4305,
80.9180

■ 19.8363, 10.5622,
80.3512

■ 17.4863, 8.0404,
79.9883

■ 16.0661, 6.6720,
79.7990

Harmonies

Analogous

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



69.5587, 73.4570, 90.8835



71.4282, 73.4570, 89.7708



72.8896, 73.4570, 85.9926

Triad

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



71.4282, 73.4570, 89.7708



71.8869, 73.4570, 71.6227



66.2363, 73.4570, 79.2390

Complementary

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



71.4282, 73.4570, 89.7708



76.9810, 82.7057, 80.3167

Split Complementary

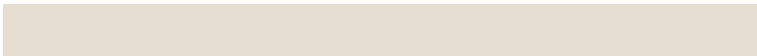
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8353, 73.4570, 74.2586



71.4282, 73.4570, 89.7708



70.0793, 73.4570, 69.9895

Square

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



71.4282, 73.4570, 89.7708



73.1578, 73.4570, 75.4943



68.2335, 73.4570, 70.9323



66.5828, 73.4570, 84.6445

Rectangle

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



71.4282, 73.4570, 89.7708



73.4239, 73.4570, 82.5564



68.2335, 73.4570, 70.9323



66.3334, 73.4570, 77.4620

Sweetspot

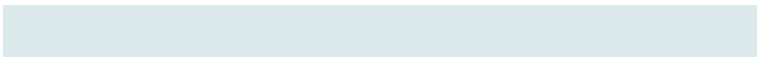
The Sweet Spot groups the original color and five complimentary colors.



71.4303, 73.4601, 89.7724



91.8367, 95.9602, 108.2896



74.4555, 80.4183, 90.9560



19.6905, 20.5817, 23.1848



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.



71.4303, 73.4601, 89.7724



82.6746, 84.4669, 106.5541



73.7127, 74.6367, 89.8792



14.4176, 14.6451, 18.9891



8.7248, 3.5337, 43.9652



0.7446, 0.3081, 3.4551

Inverse Universe

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



75.3023, 75.4895, 88.4476



88.4497, 87.4942, 104.5578



74.6486, 81.5033, 80.2076



15.6235, 15.2773, 18.5686



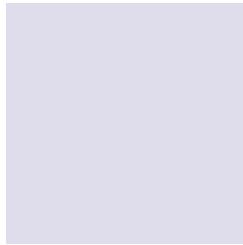
25.1489, 12.2622, 32.9149



1.9987, 0.9725, 2.7108

Previews

White Background



This preview shows how the XYZ color 71.4282, 73.4570, 89.7708 looks on a white background.

Color Contrast Check

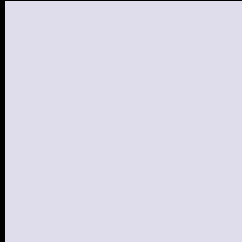
Large Text (above 18pt) WCAG AA × Fail

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 71.4282, 73.4570, 89.7708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

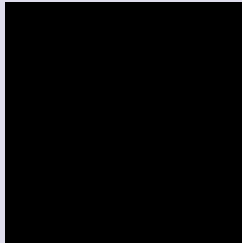
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4282, 73.4570, 89.7708

Background



This preview shows how black text looks on a background with the XYZ color 71.4282, 73.4570, 89.7708.



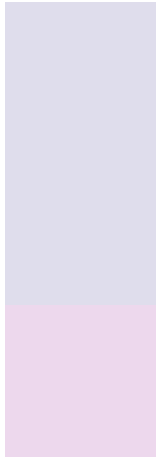
This preview shows how white text looks on a background with the XYZ color 71.4282, 73.4570,

89.7708.

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

71.4282, 73.4570, 89.7708

Protanopia

71.4282, 73.4570, 89.7708

Deuteranopia

74.7670, 73.2307, 90.3151



Tritanopia

71.7205, 73.5739, 91.3100

Trichromacy



Original Color

71.4282, 73.4570, 89.7708

Protanomaly

71.4282, 73.4570, 89.7708

Deuteranomaly

73.6362, 73.4130, 90.4099

Tritanomaly

71.5739, 73.5153, 90.5383

Monochromacy



Original Color

71.4282, 73.4570, 89.7708

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5563, 73.5320, 83.8732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4282, 73.4570, 89.7708 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(223, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 236)  
}
```

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(223, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 236) }
```

Border

The CSS property to change the border of an element to XYZ 71.4282, 73.4570, 89.7708 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(223, 221, 236) }
```


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

```
.border{ border-color:rgb(223, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4282, 73.4570, 89.7708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 236) }
```

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

```
.background{ background-color: rgb(223,  
221, 236) }
```

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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