

Converting Colors

XYZ(73.3956, 74.4375, 91.3884)

Have a look what the booklet for
XYZ(73.3956, 74.4375, 91.3884)
contains.

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Color

**XYZ(73.2840, 74.3799,
91.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DDEE
RGB	228, 221, 238
RGB Percent	89%, 87%, 93%
CMY	0.1059, 0.1333, 0.0667
CMYK	0.04, 0.07, 0.00, 0.07
HSL	265°, 33%, 90%
HSV	265°, 7%, 93%
XYZ	73.2840, 74.3799, 91.3832
YIQ	225.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

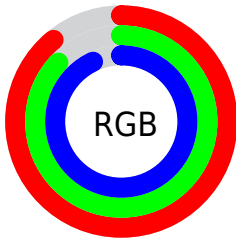
Format	Color
R _Y B	228, 221, 238
Decimal	14999022
CIE Lab	89.10, 5.46, -7.44
CIE LCh	89, 9.233, 306.271
Yxy	74.3799, 0.3066, 0.3112
Android (android.graphics.Color)	4293189102 (0xFFE4DDEE)
YUV	225.0310, 6.3937, 2.6038
Hunter-Lab	86.2438, 0.7503, -2.4525

Details

The XYZ color **73.2840, 74.3799, 91.3832** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5833, 83.3604, 80.4640**, and the grayscale version is **71.5483, 75.2744, 81.9738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3133, 39.5341, 49.8148** is the 20% darker color. If you saturate the color by 10%, you get **63.1770, 60.4949, 89.2369**, and if you desaturate by 10%, it is **84.6459, 90.2383, 93.8465**.

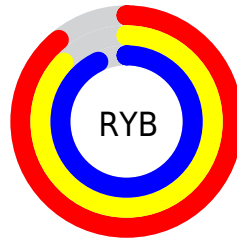
Distribution



Red (89%)

Green (87%)

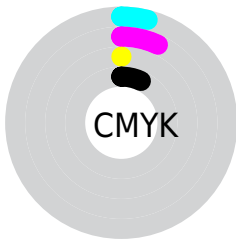
Blue (93%)



Red (89%)

Yellow (87%)

Blue (93%)

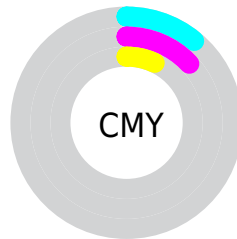


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2840, 74.3799, 91.3832 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 73.2840, 74.3799, 91.3832 by changing the saturation by 10% instead.

73.2840, 74.3799,
91.3832

73.2840, 74.3799,
91.3832

461.0871,
475.7835, 553.2059

54.4974, 55.1050,
68.5483

122.8813,
125.4342, 151.2105

39.2317, 39.4858,
49.8744

154.4227,
157.9824, 189.0399

27.1216, 27.1379,
34.9432

190.9464,
195.7239, 232.7047

17.8016, 17.6768,
23.3359

232.8177,
239.0429, 282.6232

10.9065, 10.7182,
14.6341

280.4021,
288.3241, 339.2140

6.0708, 5.8777,
8.4192

334.0649,

2.9293, 2.7708,

343.9516, 402.8957

4.2728

394.1715,
406.3099, 474.0868

■ 1.1165, 1.0133,
1.7761

■ 0.0388, 0.0000,
0.4121

■ 73.2840, 74.3799,
91.3832

■ 73.2840, 74.3799,
91.3832

■ 63.1770, 60.4949,
89.2369

■ 84.6459, 90.2383,
93.8465

■ 54.2727, 48.4947,
87.3900

■ 92.4328, 98.9531,
95.1182

■ 46.5245, 38.2983,
85.8303

■ 39.8802, 29.8146,
84.5429

■ 34.2831, 22.9447,
83.5119

■ 29.6710, 17.5791,
82.7193

■ 25.9744, 13.5938,
82.1449

■ 23.1125, 10.8443,
81.7650

■ 20.9838, 9.1444,
81.5491

Harmonies

Analogous

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



71.1690, 74.3799, 93.9260



73.2840, 74.3799, 91.3832



74.7272, 74.3799, 86.0715

Triad

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



73.2840, 74.3799, 91.3832



72.4496, 74.3799, 70.1748



66.4857, 74.3799, 82.3467

Complementary

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



73.2840, 74.3799, 91.3832



76.5833, 83.3604, 80.4640

Split Complementary

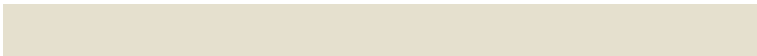
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8122, 74.3799, 76.1069



73.2840, 74.3799, 91.3832



70.2248, 74.3799, 69.2946

Square

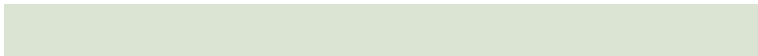
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2840, 74.3799, 91.3832



74.2384, 74.3799, 73.8820



68.1694, 74.3799, 71.4109



67.2679, 74.3799, 88.5336

Rectangle

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



73.2840, 74.3799, 91.3832



75.0975, 74.3799, 81.7949



68.1694, 74.3799, 71.4109



66.4697, 74.3799, 80.1846

Sweetspot

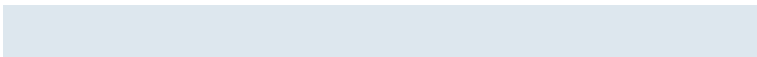
The Sweet Spot groups the original color and five complimentary colors.



73.2862, 74.3831, 91.3848



92.3492, 96.2244, 108.3136



73.8860, 78.8116, 92.2080



19.7949, 20.6356, 23.1897



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.



73.2862, 74.3831, 91.3848



83.3664, 83.7498, 106.3792



75.9830, 75.7734, 91.5110



15.5136, 15.5465, 19.9047



11.5571, 4.9633, 45.4768



1.0718, 0.4698, 3.7884

Inverse Universe

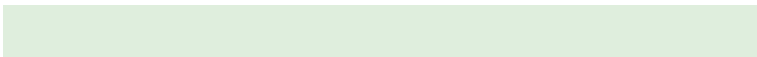
The Inverse Universe completely reimagines the original color for something new.



75.5427, 75.6628, 86.2277



86.6766, 85.6277, 98.7885



73.9674, 82.0118, 80.3416



16.1630, 15.9149, 18.4144



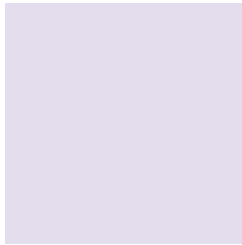
22.3793, 11.2241, 15.1796



1.9111, 0.9535, 1.5226

Previews

White Background



This preview shows how the XYZ color 73.2840, 74.3799, 91.3832 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 73.2840, 74.3799, 91.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

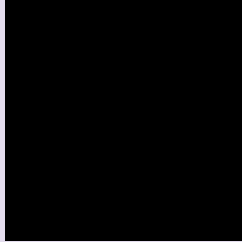
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2840, 74.3799, 91.3832

Background



This preview shows how black text looks on a background with the XYZ color 73.2840, 74.3799, 91.3832.



This preview shows how white text looks on a background with the XYZ color 73.2840, 74.3799,

91.3832.

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

73.2840, 74.3799, 91.3832

Protanopia

72.1327, 74.1625, 92.1744

Deuteranopia

75.9894, 74.2084, 91.9799



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

73.2840, 74.3799, 91.3832

Protanomaly

72.7526, 74.4821, 92.2034

Deuteranomaly

74.9123, 74.0370, 92.0036

Tritanomaly

73.2840, 74.3799, 91.3832

Monochromacy



Original Color

73.2840, 74.3799, 91.3832

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3026, 75.1932, 85.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2840, 74.3799, 91.3832 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(228, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 238)  
}
```

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(228, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 238) }
```

Border

The CSS property to change the border of an element to XYZ 73.2840, 74.3799, 91.3832 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(228, 221, 238) }
```


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

```
.border{ border-color:rgb(228, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2840, 74.3799, 91.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 238) }
```

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

```
.background{ background-color: rgb(228,  
221, 238) }
```

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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