

Converting Colors

XYZ(73.1048, 71.5333, 90.8045)

Have a look what the booklet for
XYZ(73.1048, 71.5333, 90.8045)
contains.

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Color

**XYZ(73.0835, 71.5898,
90.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D6EE
RGB	233, 214, 238
RGB Percent	91%, 84%, 93%
CMY	0.0863, 0.1608, 0.0667
CMYK	0.02, 0.10, 0.00, 0.07
HSL	287°, 41%, 89%
HSV	287°, 10%, 93%
XYZ	73.0835, 71.5898, 90.8552
YIQ	222.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

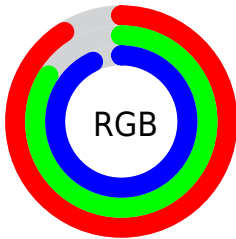
Format	Color
R _Y B	233, 214, 238
Decimal	15324910
CIE Lab	87.77, 10.78, -9.37
CIE LCh	88, 14.286, 318.990
Yxy	71.5898, 0.3103, 0.3040
Android (android.graphics.Color)	4293514990 (0xFFE9D6EE)
YUV	222.4170, 7.6824, 9.2813
Hunter-Lab	84.6108, 6.1126, -4.4382

Details

The XYZ color **73.0835, 71.5898, 90.8552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9281, 81.0660, 75.4781**, and the grayscale version is **69.6733, 73.3017, 79.8256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9731, 37.5208, 49.4441** is the 20% darker color. If you saturate the color by 10%, you get **65.8994, 59.5900, 88.9187**, and if you desaturate by 10%, it is **81.1974, 85.3792, 93.0903**.

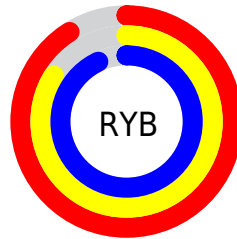
Distribution



Red (91%)

Green (84%)

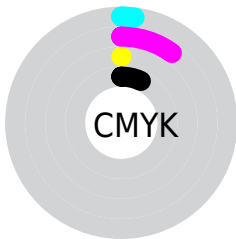
Blue (93%)



Red (91%)

Yellow (84%)

Blue (93%)

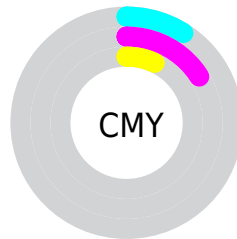


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0835, 71.5898, 90.8552 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 73.0835, 71.5898, 90.8552 by changing the saturation by 10% instead.

73.0835, 71.5898,
90.8552

73.0835, 71.5898,
90.8552

460.4035,
466.1126, 551.4506

54.3329, 52.8237,
68.1125

122.5982,
121.4732, 150.4716

39.0996, 37.6620,
49.5220

154.0930,
153.3592, 188.1824

27.0183, 25.7205,
34.6652

190.5666,
190.3872, 231.7195

17.7236, 16.6146,
23.1236

232.3843,
232.9418, 281.5017

10.8502, 9.9601,
14.4786

279.9115,
281.4072, 337.9473

6.0328, 5.3725,
8.3118

333.5135,

2.9059, 2.4675,

336.1679, 401.4750

4.2045

393.5557,
397.6082, 472.5032

■ 1.1042, 0.8603,
1.7382

■ 0.0286, 0.0000,
0.3867

■ 73.0835, 71.5898,
90.8552

■ 73.0835, 71.5898,
90.8552

■ 65.8994, 59.5900,
88.9187

■ 81.1974, 85.3792,
93.0903

■ 59.6003, 49.2945,
87.2635

■ 88.1271, 96.7334,
94.9166

■ 54.1472, 40.6245,
85.8774

■ 89.8609, 97.6273,
94.9977

■ 49.4955, 33.4915,
84.7458

■ 91.6413, 98.5451,
95.0811

■ 45.5966, 27.7985,
83.8524

■ 92.4328, 98.9531,
95.1181

■ 42.3958, 23.4373,
83.1793

■ 39.8311, 20.2840,
82.7059

■ 37.8286, 18.1914,
82.4075

■ 36.2742, 16.9173,
82.2435

Harmonies

Analogous

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



70.1878, 71.5898, 96.9724



73.0835, 71.5898, 90.8552



74.6467, 71.5898, 81.5698

Triad

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



73.0835, 71.5898, 90.8552



69.2967, 71.5898, 61.0191



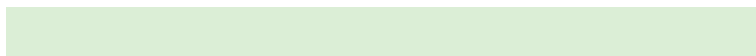
62.0631, 71.5898, 84.1847

Complementary

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



73.0835, 71.5898, 90.8552



71.9281, 81.0660, 75.4781

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.



61.8425, 71.5898, 74.4372



73.0835, 71.5898, 90.8552



65.9443, 71.5898, 61.5922

Square

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



73.0835, 71.5898, 90.8552



72.4126, 71.5898, 64.6906



63.2416, 71.5898, 66.3271



63.8547, 71.5898, 92.9057

Rectangle

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



73.0835, 71.5898, 90.8552



74.6892, 71.5898, 75.0674



63.2416, 71.5898, 66.3271



61.8051, 71.5898, 80.9037

Sweetspot

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



73.0856, 71.5929, 90.8568



92.0739, 94.9148, 108.0753



68.5508, 71.2398, 91.0276



19.5410, 20.0318, 23.0866



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.



73.0856, 71.5929, 90.8568



83.7465, 80.8174, 105.7931



73.7607, 72.0541, 85.7716



16.1130, 15.8555, 19.9328



20.3483, 9.4953, 45.8882



1.7727, 0.8311, 3.8212

Inverse Universe

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



72.0951, 71.3879, 77.0005



82.3954, 80.5434, 86.6388



71.3331, 80.6568, 80.0786



15.9075, 15.8127, 17.0691



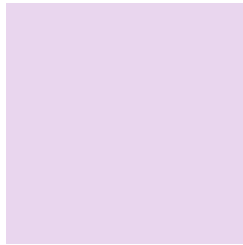
20.0254, 10.2826, 2.7844



1.7010, 0.8694, 0.4161

Previews

White Background



This preview shows how the XYZ color 73.0835, 71.5898, 90.8552 looks on a white background.

Color Contrast Check

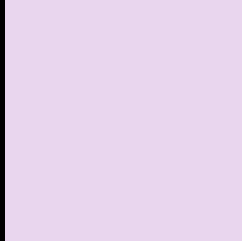
Large Text (above 18pt) WCAG AA × Fail

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 73.0835, 71.5898, 90.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

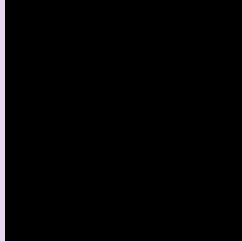
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0835, 71.5898, 90.8552

Background



This preview shows how black text looks on a background with the XYZ color 73.0835, 71.5898, 90.8552.



This preview shows how white text looks on a background with the XYZ color 73.0835, 71.5898,

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

73.0835, 71.5898, 90.8552

Protanopia

70.1221, 71.9193, 93.4051

Deuteranopia

73.0835, 71.5898, 90.8552



Tritanopia

72.1446, 71.5829, 86.3584

Trichromacy



Original Color

73.0835, 71.5898, 90.8552

Protanomaly

70.9725, 71.6050, 92.5186

Deuteranomaly

73.0835, 71.5898, 90.8552

Tritanomaly

72.4304, 71.6972, 87.8634

Monochromacy



Original Color

73.0835, 71.5898, 90.8552

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6991, 72.4332, 83.6536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0835, 71.5898, 90.8552 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 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(233, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 238) }
```

Border

The CSS property to change the border of an element to XYZ 73.0835, 71.5898, 90.8552 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, 238) }
```


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

```
.border{ border-color:rgb(233, 214, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0835, 71.5898, 90.8552 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, 238) }
```

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

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