

Converting Colors

XYZ(73.2511, 73.9385, 82.1513)

Have a look what the booklet for
XYZ(73.2511, 73.9385, 82.1513)
contains.

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Color

**XYZ(73.3199, 73.8162,
82.3351)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBDBE2 |
| RGB | 235, 219, 226 |
| RGB Percent | 92%, 86%, 89% |
| CMY | 0.0784, 0.1412, 0.1137 |
| CMYK | 0.00, 0.07, 0.04, 0.08 |
| HSL | 334°, 29%, 89% |
| HSV | 334°, 7%, 92% |
| XYZ | 73.3199, 73.8162, 82.3351 |
| YIQ | 224.5820, 7.2890, 5.5690 |

Conversions

Conversions Part 2

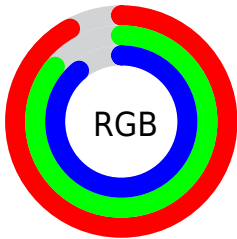
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 235, 219, 226 |
| Decimal | 15457250 |
| CIE Lab | 88.84, 6.68, -1.46 |
| CIE LCh | 89, 6.842, 347.689 |
| Yxy | 73.8162, 0.3195, 0.3217 |
| Android (android.graphics.Color) | 4293647330 (0xFFEBDBE2) |
| YUV | 224.5820, 0.6991, 9.1366 |
| Hunter-Lab | 85.9164, 1.9760, 3.3228 |

Details

The XYZ color **73.3199, 73.8162, 82.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9281, 80.0800, 85.0159**, and the grayscale version is **71.2613, 74.9724, 81.6450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2166, 39.0749, 44.0034** is the 20% darker color. If you saturate the color by 10%, you get **65.8722, 61.7124, 71.2440**, and if you desaturate by 10%, it is **81.7772, 87.7133, 94.4548**.

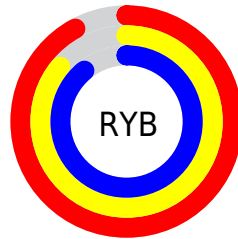
Distribution



Red (92%)

Green (86%)

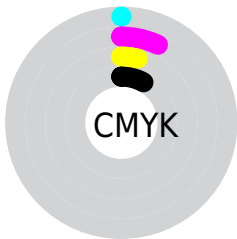
Blue (89%)



Red (92%)

Yellow (86%)

Blue (89%)

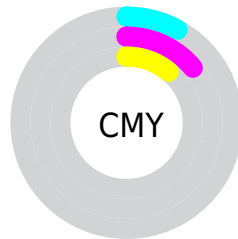


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3199, 73.8162, 82.3351 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 73.3199, 73.8162, 82.3351 by changing the saturation by 10% instead.

73.3199, 73.8162,
82.3351

73.3199, 73.8162,
82.3351

461.2094,
473.8388, 522.6807

54.5269, 54.6436,
61.1044

122.9319,
124.6352, 138.4847

39.2554, 39.1165,
43.8783

154.4817,
157.0505, 174.2407

27.1401, 26.8503,
30.2384

191.0143,
194.6487, 215.6755

17.8156, 17.4609,
19.7660

232.8953,
237.8143, 263.2076

10.9166, 10.5636,
12.0427

280.4900,
286.9318, 317.2557

6.0776, 5.7742,
6.6498

334.1636,

2.9335, 2.7083,

342.3854, 378.2382

3.1690

394.2817,
404.5596, 446.5737

■ 1.1187, 0.9814,
1.1816

■ 0.0407, 0.0000,
0.0000

■ 73.3199, 73.8162,
82.3351

■ 73.3199, 73.8162,
82.3351

■ 65.8722, 61.7124,
71.2440

■ 81.7772, 87.7133,
94.4548

■ 59.3886, 51.3189,
61.1483

■ 87.6627, 96.2389,
106.4217

■ 53.8293, 42.5605,
52.0195

■ 88.0713, 96.4024,
108.5734

■ 49.1494, 35.3524,
43.8261

■ 45.2999, 29.6024,
36.5343

■ 42.2266, 25.2081,
30.1081

■ 39.8688, 22.0538,
24.5083

■ 38.1553, 20.0041,
19.6914

■ 36.9968, 18.8869,
15.6066

Harmonies

Analogous

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



72.5432, 73.8162, 86.6750



73.3199, 73.8162, 82.3351



73.2402, 73.8162, 77.6319

Triad

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



73.3199, 73.8162, 82.3351



69.1962, 73.8162, 71.9878



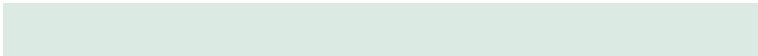
68.0366, 73.8162, 87.3132

Complementary

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



73.3199, 73.8162, 82.3351



72.9281, 80.0800, 85.0159

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.



67.1675, 73.8162, 83.1784



73.3199, 73.8162, 82.3351



67.8297, 73.8162, 74.3847

Square

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



73.3199, 73.8162, 82.3351



70.8418, 73.8162, 71.7821



67.0924, 73.8162, 78.4429



69.4828, 73.8162, 89.6240

Rectangle

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



73.3199, 73.8162, 82.3351



72.7123, 73.8162, 74.9216



67.0924, 73.8162, 78.4429



67.6683, 73.8162, 86.0833

Sweetspot

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



73.3220, 73.8194, 82.3367



92.9859, 96.6056, 105.9498



72.2610, 73.1260, 88.9043



19.9245, 20.7131, 22.7087



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.



73.3220, 73.8194, 82.3367



87.0906, 86.9505, 97.4011



72.5904, 73.8614, 77.4525



15.3391, 15.1635, 17.0709



20.4858, 10.3970, 8.3596



1.6562, 0.8354, 0.9069

Inverse Universe

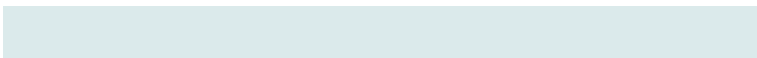
The Inverse Universe completely reimagines the original color for something new.



73.3220, 73.8194, 82.3367



87.0906, 86.9505, 97.4011



73.6909, 80.0195, 90.1595



15.3391, 15.1635, 17.0709



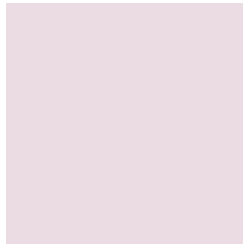
20.4858, 10.3970, 8.3596



1.6562, 0.8354, 0.9069

Previews

White Background



This preview shows how the XYZ color 73.3199, 73.8162, 82.3351 looks on a white background.

Color Contrast Check

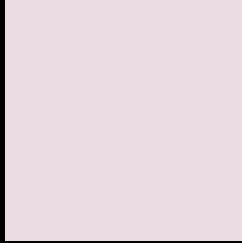
Large Text (above 18pt) WCAG AA × Fail

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 73.3199, 73.8162, 82.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

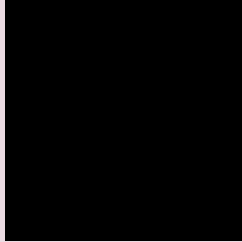
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

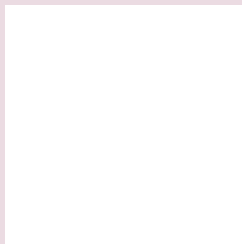
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3199, 73.8162, 82.3351

Background



This preview shows how black text looks on a background with the XYZ color 73.3199, 73.8162, 82.3351.

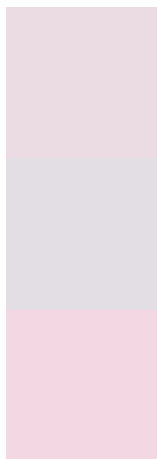


This preview shows how white text looks on a background with the XYZ color 73.3199, 73.8162,

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

73.3199, 73.8162, 82.3351

Protanopia

71.4889, 74.0127, 83.9168

Deuteranopia

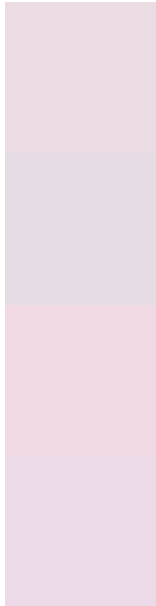
75.3831, 73.7125, 82.9279



Tritanopia

74.6589, 73.9738, 88.9407

Trichromacy



Original Color

73.3199, 73.8162, 82.3351

Protanomaly

72.0347, 73.9170, 83.1438

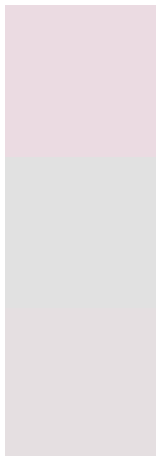
Deuteranomaly

74.6132, 73.6970, 82.9655

Tritanomaly

74.2290, 73.8019, 86.6768

Monochromacy



Original Color

73.3199, 73.8162, 82.3351

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2914, 74.8696, 81.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3199, 73.8162, 82.3351 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(235, 219, 226) looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 226)  
}
```

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(235, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.3199, 73.8162, 82.3351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

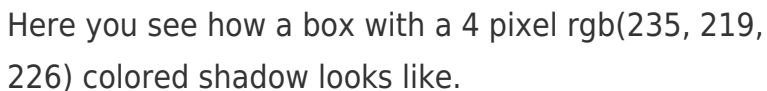
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 219, 226) }
```


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

```
.border{ border-color:rgb(235, 219, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 219, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 219, 226); box-shadow:4px 4px 4px 4px rgb(235, 219, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3199, 73.8162, 82.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 226) }
```

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

```
.background{ background-color: rgb(235,  
219, 226) }
```

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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