

Converting Colors

XYZ(73.3803, 72.4397, 90.3504)

Have a look what the booklet for
XYZ(73.3803, 72.4397, 90.3504)
contains.

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Color

**XYZ(73.4462, 72.5498,
90.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D8ED
RGB	233, 216, 237
RGB Percent	91%, 85%, 93%
CMY	0.0863, 0.1529, 0.0706
CMYK	0.02, 0.09, 0.00, 0.07
HSL	289°, 37%, 89%
HSV	289°, 9%, 93%
XYZ	73.4462, 72.5498, 90.2532
YIQ	223.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

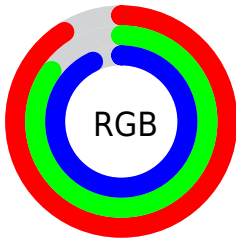
Format	Color
RYB	233, 216, 237
Decimal	15325421
CIELab	88.23, 9.55, -8.16
CIELCh	88, 12.560, 319.472
Yxy	72.5498, 0.3109, 0.3071
Android (android.graphics.Color)	4293515501 (0xFFE9D8ED)
YUV	223.4770, 6.6668, 8.3517
Hunter-Lab	85.1762, 4.8597, -3.2007

Details

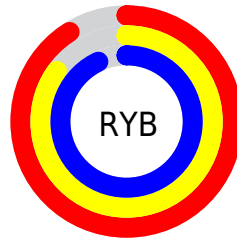
The XYZ color **73.4462, 72.5498, 90.2532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1967, 80.7438, 76.7493**, and the grayscale version is **70.4326, 74.1006, 80.6956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2168, 38.1730, 49.0172** is the 20% darker color. If you saturate the color by 10%, you get **66.3526, 60.5217, 88.3065**, and if you desaturate by 10%, it is **81.4575, 86.3550, 92.4967**.

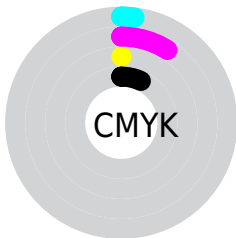
Distribution



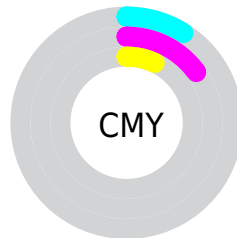
- Red (91%)
- Green (85%)
- Blue (93%)



- Red (91%)
- Yellow (85%)
- Blue (93%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)





- Cyan (9%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4462, 72.5498, 90.2532 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 73.4462, 72.5498, 90.2532 by changing the saturation by 10% instead.


 73.4462, 72.5498,
90.2532

 73.4462, 72.5498,
90.2532


461.6397,
469.4530, 549.4455

 54.6306, 53.6079,
67.6158


123.1102,
122.8379, 149.6286

 39.3387, 38.2883,
49.1205


154.6892,
154.9529, 187.2037

 27.2052, 26.2065,
34.3488


191.2534,
192.2277, 230.5951

 17.8648, 16.9782,
22.8821

233.1682,
235.0467, 280.2214

 10.9521, 10.2190,
14.3020

280.7988,
283.7944, 336.5010

 6.1017, 5.5444,
8.1899

334.5107,

 2.9482, 2.5701,

338.8551, 399.8525

4.1272

394.6692,
400.6131, 470.6945

■ 1.1265, 0.9116,
1.6954

■ 0.0471, 0.0000,
0.3576

■ 73.4462, 72.5498,
90.2532

■ 73.4462, 72.5498,
90.2532

■ 66.3526, 60.5217,
88.3065

■ 81.4575, 86.3550,
92.4967

■ 60.1326, 50.1865,
86.6394

■ 87.6750, 96.5173,
94.1305

■ 54.7483, 41.4673,
85.2403

■ 89.2442, 97.3263,
94.2040

■ 50.1559, 34.2774,
84.0945

■ 90.8519, 98.1551,
94.2792

■ 46.3079, 28.5219,
83.1864

■ 92.2863, 98.8945,
94.3463

■ 43.1513, 24.0953,
82.4983

■ 40.6258, 20.8773,
82.0103

■ 38.6599, 18.7258,
81.6986

■ 37.1471, 17.4278,
81.5278

Harmonies

Analogous

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



70.9022, 72.5498, 95.6611



73.4462, 72.5498, 90.2532



74.7999, 72.5498, 82.0594

Triad

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



73.4462, 72.5498, 90.2532



70.0185, 72.5498, 63.8039



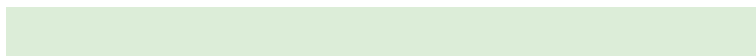
63.6465, 72.5498, 84.6451

Complementary

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



73.4462, 72.5498, 90.2532



72.1967, 80.7438, 76.7493

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.



63.4254, 72.5498, 76.0067



73.4462, 72.5498, 90.2532



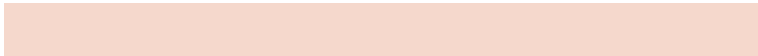
67.0465, 72.5498, 64.3855

Square

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



73.4462, 72.5498, 90.2532



72.7831, 72.5498, 67.0623



64.6534, 72.5498, 68.7132



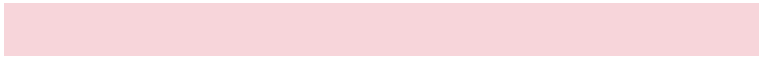
65.2663, 72.5498, 92.2640

Rectangle

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



73.4462, 72.5498, 90.2532



74.8195, 72.5498, 76.2999



64.6534, 72.5498, 68.7132



63.4079, 72.5498, 81.7515

Sweetspot

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



73.4483, 72.5529, 90.2548



92.1238, 94.9404, 108.0776



69.2537, 72.0081, 90.3707



19.5545, 20.0388, 23.0872



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.



73.4483, 72.5529, 90.2548



84.8068, 82.3914, 106.0411



73.8646, 72.8720, 85.5539



15.4172, 15.1604, 19.0359



20.2995, 9.5007, 44.5069



1.6663, 0.7833, 3.4982

Inverse Universe

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



72.4017, 72.2868, 77.8505



83.3026, 82.0137, 88.0024



71.8307, 80.4592, 81.0655



15.1827, 15.1009, 16.2474



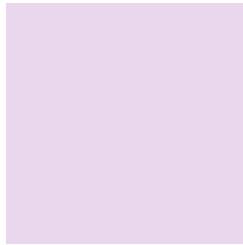
19.3636, 9.9481, 2.4503



1.5532, 0.7942, 0.3644

Previews

White Background



This preview shows how the XYZ color 73.4462, 72.5498, 90.2532 looks on a white background.

Color Contrast Check

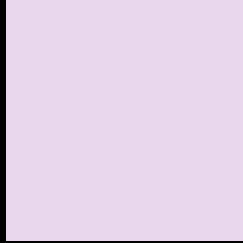
Large Text (above 18pt) WCAG AA × Fail

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 73.4462, 72.5498, 90.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

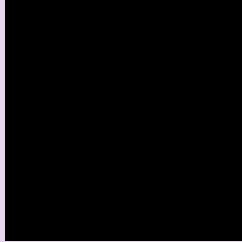
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4462, 72.5498, 90.2532

Background



This preview shows how black text looks on a background with the XYZ color 73.4462, 72.5498, 90.2532.



This preview shows how white text looks on a background with the XYZ color 73.4462, 72.5498,

90.2532.

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

73.4462, 72.5498, 90.2532

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

74.1786, 72.5482, 90.2143



Tritanopia

72.9428, 72.7220, 88.0342

Trichromacy



Original Color

73.4462, 72.5498, 90.2532

Protanomaly

71.8155, 72.8436, 91.1641

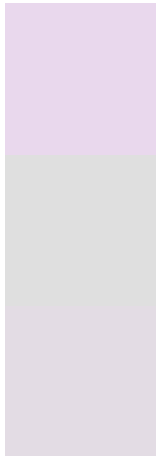
Deuteranomaly

73.8475, 72.3775, 90.1988

Tritanomaly

73.0870, 72.7797, 88.7930

Monochromacy



Original Color

73.4462, 72.5498, 90.2532

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2753, 73.1187, 83.7555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4462, 72.5498, 90.2532 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, 216, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 216, 237)  
}
```

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, 216, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 216, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.4462, 72.5498, 90.2532 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, 216, 237) }
```


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

```
.border{ border-color:rgb(233, 216, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 216, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 216, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 216, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 216,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4462, 72.5498, 90.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 216, 237) }
```

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

```
.background{ background-color: rgb(233,  
216, 237) }
```

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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