

Converting Colors

XYZ(72.4612, 73.0005, 92.9832)

Have a look what the booklet for
XYZ(72.4612, 73.0005, 92.9832)
contains.

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Color

**XYZ(72.4237, 73.1231,
92.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBF0
RGB	226, 219, 240
RGB Percent	89%, 86%, 94%
CMY	0.1137, 0.1412, 0.0588
CMYK	0.06, 0.09, 0.00, 0.06
HSL	260°, 41%, 90%
HSV	260°, 9%, 94%
XYZ	72.4237, 73.1231, 92.7351
YIQ	223.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

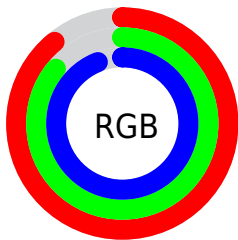
Format	Color
R _Y B	226, 219, 240
Decimal	14867440
CIE Lab	88.51, 6.23, -9.40
CIE LCh	89, 11.272, 303.534
Yxy	73.1231, 0.3039, 0.3069
Android (android.graphics.Color)	4293057520 (0xFFE2DBF0)
YUV	223.4870, 8.1409, 2.2039
Hunter-Lab	85.5120, 1.5330, -4.4397

Details

The XYZ color **72.4237, 73.1231, 92.7351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5534, 84.7603, 79.2944**, 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 **38.7218, 38.6695, 50.7705** is the 20% darker color. If you saturate the color by 10%, you get **61.8227, 59.0254, 90.5738**, and if you desaturate by 10%, it is **84.4001, 89.2739, 95.2224**.

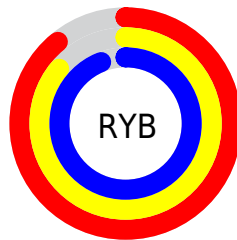
Distribution



Red (89%)

Green (86%)

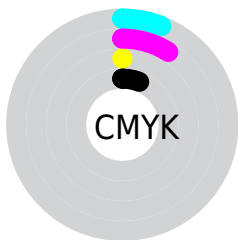
Blue (94%)



Red (89%)

Yellow (86%)

Blue (94%)

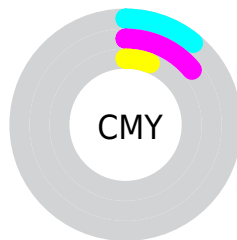


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4237, 73.1231, 92.7351 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 72.4237, 73.1231, 92.7351 by changing the saturation by 10% instead.

72.4237, 73.1231,
92.7351

72.4237, 73.1231,
92.7351

458.1498,
471.4413, 557.6865

53.7916, 54.0766,
69.6649

121.6663,
123.6520, 153.1003

38.6651, 38.6629,
50.7783

153.0074,
155.9031, 191.2325

26.6788, 26.4976,
35.6567

189.3156,
193.3246, 235.2223

17.4675, 17.1963,
23.8816

230.9562,
236.3009, 285.4885

10.6657, 10.3745,
15.0344

278.2946,
285.2163, 342.4494

5.9082, 5.6480,
8.6966

331.6961,

2.8294, 2.6322,

340.4553, 406.5237

4.4497

391.5260,
402.4021, 478.1299

■ 1.0642, 0.9429,
1.8752

■ 0.0000, 0.0000,
0.4769

■ 72.4237, 73.1231,
92.7351

■ 72.4237, 73.1231,
92.7351

■ 61.8227, 59.0254,
90.5738

■ 84.4001, 89.2739,
95.2224

■ 52.5393, 46.8879,
88.7203

■ 92.7284, 99.0714,
96.6746

■ 44.5214, 36.6245,
87.1619

■ 37.7102, 28.1388,
85.8830

■ 32.0425, 21.3257,
84.8666

■ 27.4483, 16.0687,
84.0941

■ 23.8494, 12.2356,
83.5439

■ 21.1551, 9.6709,
83.1909

■ 19.2386, 8.1493,
82.9982

Harmonies

Analogous

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



69.8234, 73.1231, 95.4836



72.4237, 73.1231, 92.7351



74.2775, 73.1231, 86.4655

Triad

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



72.4237, 73.1231, 92.7351



71.8526, 73.1231, 66.9770



64.4226, 73.1231, 80.5433

Complementary

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



72.4237, 73.1231, 92.7351



77.5534, 84.7603, 79.2944

Split Complementary

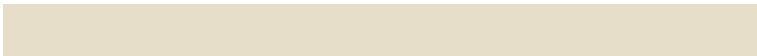
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9344, 73.1231, 73.1431



72.4237, 73.1231, 92.7351



69.1802, 73.1231, 65.6162

Square

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



72.4237, 73.1231, 92.7351



73.9418, 73.1231, 71.6458



66.6586, 73.1231, 67.8012



65.2422, 73.1231, 88.1621

Rectangle

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



72.4237, 73.1231, 92.7351



74.8157, 73.1231, 81.3133



66.6586, 73.1231, 67.8012



64.4448, 73.1231, 77.9477

Sweetspot

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



72.4258, 73.1262, 92.7367



90.8061, 94.2612, 108.0160



74.1823, 79.8300, 93.9381



19.1987, 19.8554, 23.0705



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.



72.4258, 73.1262, 92.7367



81.4668, 81.7124, 106.0860



75.7039, 74.8161, 92.8901



15.3935, 15.4846, 19.8991



10.5453, 4.4417, 45.4294



0.9789, 0.4219, 3.7841

Inverse Universe

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



75.9773, 75.0748, 87.5811



86.1097, 84.2605, 99.3195



74.3341, 83.1007, 79.1437



16.2173, 15.9366, 18.7006



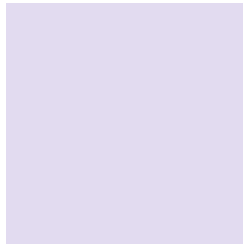
23.2105, 11.5566, 19.5568



1.9768, 0.9798, 1.8688

Previews

White Background



This preview shows how the XYZ color 72.4237, 73.1231, 92.7351 looks on a white background.

Color Contrast Check

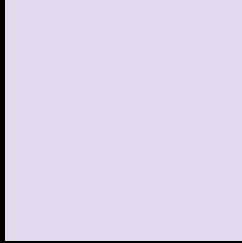
Large Text (above 18pt) WCAG AA × Fail

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 72.4237, 73.1231, 92.7351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

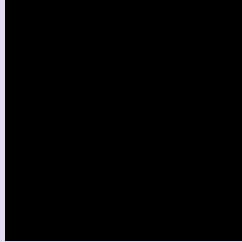
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

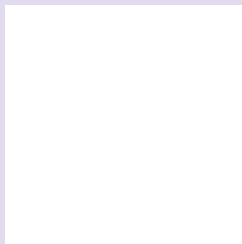
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4237, 73.1231, 92.7351

Background



This preview shows how black text looks on a background with the XYZ color 72.4237, 73.1231, 92.7351.



This preview shows how white text looks on a background with the XYZ color 72.4237, 73.1231,

92.7351.

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

72.4237, 73.1231, 92.7351

Protanopia

71.5524, 73.4359, 93.6224

Deuteranopia

74.6940, 73.1248, 93.3968



Tritanopia

71.9306, 73.3084, 90.4795

Trichromacy



Original Color

72.4237, 73.1231, 92.7351

Protanomaly

71.9018, 73.2252, 93.5633

Deuteranomaly

73.9687, 73.1324, 93.4365

Tritanomaly

72.0772, 73.3670, 91.2513

Monochromacy



Original Color

72.4237, 73.1231, 92.7351

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0046, 73.7470, 84.6210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4237, 73.1231, 92.7351 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(226, 219, 240) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 240)  
}
```

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(226, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.4237, 73.1231, 92.7351 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(226, 219, 240) }
```


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

```
.border{ border-color:rgb(226, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4237, 73.1231, 92.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 240) }
```

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

```
.background{ background-color: rgb(226,  
219, 240) }
```

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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