

Converting Colors

XYZ(72.1219, 73.6171, 91.6064)

Have a look what the booklet for
XYZ(72.1219, 73.6171, 91.6064)
contains.

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Color

**XYZ(72.0295, 73.7332,
91.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DDEE
RGB	224, 221, 238
RGB Percent	88%, 87%, 93%
CMY	0.1216, 0.1333, 0.0667
CMYK	0.06, 0.07, 0.00, 0.07
HSL	251°, 33%, 90%
HSV	251°, 7%, 93%
XYZ	72.0295, 73.7332, 91.3245
YIQ	223.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

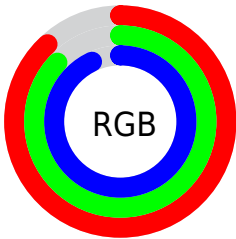
Format	Color
R _Y B	224, 221, 238
Decimal	14736878
CIE Lab	88.80, 4.15, -7.93
CIE LCh	89, 8.949, 297.611
Yxy	73.7332, 0.3038, 0.3110
Android (android.graphics.Color)	4292926958 (0xFFE0DDEE)
YUV	223.8350, 6.9833, 0.1447
Hunter-Lab	85.8680, -0.5362, -2.9499

Details

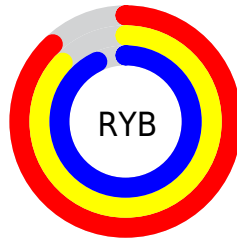
The XYZ color **72.0295, 73.7332, 91.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8894, 84.0337, 80.5251**, and the grayscale version is **70.6891, 74.3705, 80.9894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4419, 39.0849, 49.7740** is the 20% darker color. If you saturate the color by 10%, you get **60.4567, 59.0925, 89.1096**, and if you desaturate by 10%, it is **85.1979, 90.5228, 93.8723**.

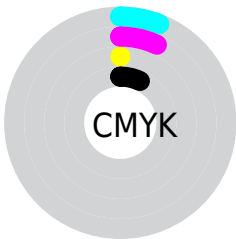
Distribution



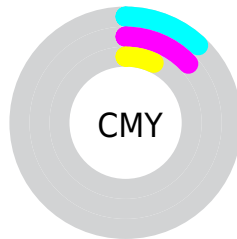
- Red (88%)
- Green (87%)
- Blue (93%)



- Red (88%)
- Yellow (87%)
- Blue (93%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0295, 73.7332, 91.3245 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 72.0295, 73.7332, 91.3245 by changing the saturation by 10% instead.

72.0295, 73.7332,
91.3245

72.0295, 73.7332,
91.3245

456.8003,
473.5520, 553.0109

53.4683, 54.5757,
68.4998

121.1090,
124.5175, 151.1284

38.4057, 39.0621,
49.8352

152.3581,
156.9131, 188.9446

26.4764, 26.8081,
34.9122

188.5672,
194.4903, 232.5952

17.3149, 17.4291,
23.3123

230.1017,
237.6333, 282.4985

10.5560, 10.5409,
14.6168

277.3269,
286.7265, 339.0733

5.8342, 5.7590,
8.4073

330.6081,

2.7842, 2.6991,

342.1545, 402.7379

4.2651

390.3108,
404.3015, 473.9109

■ 1.0407, 0.9767,
1.7719

■ 0.0000, 0.0000,
0.4093

■ 72.0295, 73.7332,
91.3245

■ 72.0295, 73.7332,
91.3245

■ 60.4567, 59.0925,
89.1096

■ 85.1979, 90.5228,
93.8723

■ 50.4120, 46.5044,
87.2093

■ 92.4328, 98.9531,
95.1182

■ 41.8328, 35.8796,
85.6107

■ 34.6493, 27.1180,
84.2981

■ 28.7861, 20.1110,
83.2547

■ 24.1606, 14.7384,
82.4614

■ 20.6803, 10.8646,
81.8972

■ 18.2389, 8.3318,
81.5370

■ 16.7052, 6.9387,
81.3489

Harmonies

Analogous

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



69.9077, 73.7332, 92.8016



72.0295, 73.7332, 91.3245



73.6578, 73.7332, 86.8441

Triad

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



72.0295, 73.7332, 91.3245



72.3362, 73.7332, 70.6248



66.0012, 73.7332, 79.7867

Complementary

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



72.0295, 73.7332, 91.3245



77.8894, 84.0337, 80.5251

Split Complementary

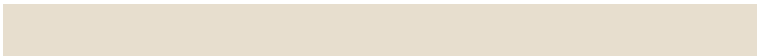
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6223, 73.7332, 74.0608



72.0295, 73.7332, 91.3245



70.2550, 73.7332, 68.9440

Square

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



72.0295, 73.7332, 91.3245



73.8374, 73.7332, 74.8800



68.1683, 73.7332, 70.1692



66.4546, 73.7332, 85.9397

Rectangle

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



72.0295, 73.7332, 91.3245



74.2288, 73.7332, 82.8697



68.1683, 73.7332, 70.1692



66.0910, 73.7332, 77.7506

Sweetspot

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



72.0317, 73.7363, 91.3261



91.9159, 96.0010, 108.2933



75.0099, 81.0594, 92.5827



19.7066, 20.5901, 23.1856



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.



72.0317, 73.7363, 91.3261



81.5447, 82.8107, 106.2939



74.6786, 75.1009, 91.4500



15.1571, 15.3627, 19.8880



9.2171, 3.7570, 45.3672



0.8401, 0.3503, 3.7776

Inverse Universe

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



76.1143, 75.8915, 89.2378



87.5160, 85.9635, 103.2086



75.2015, 82.6480, 80.3993



16.3277, 15.9808, 19.2817



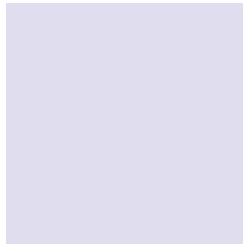
25.2761, 12.3829, 30.4341



2.1338, 1.0425, 2.6952

Previews

White Background



This preview shows how the XYZ color 72.0295, 73.7332, 91.3245 looks on a white background.

Color Contrast Check

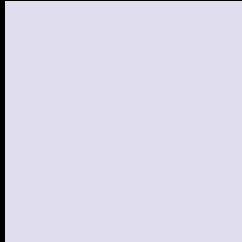
Large Text (above 18pt) WCAG AA × Fail

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 72.0295, 73.7332, 91.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

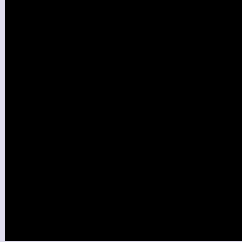
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0295, 73.7332, 91.3245

Background



This preview shows how black text looks on a background with the XYZ color 72.0295, 73.7332, 91.3245.



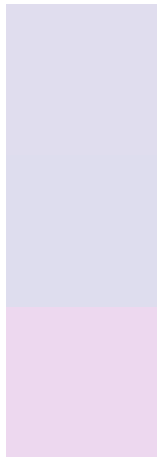
This preview shows how white text looks on a background with the XYZ color 72.0295, 73.7332,

91.3245.

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

72.0295, 73.7332, 91.3245

Protanopia

71.4133, 73.4155, 91.2957

Deuteranopia

75.0609, 73.3483, 91.8628



Tritanopia

72.0295, 73.7332, 91.3245

Trichromacy



Original Color

72.0295, 73.7332, 91.3245

Protanomaly

71.7205, 73.5739, 91.3100

Deuteranomaly

73.9301, 73.5306, 91.9576

Tritanomaly

72.0295, 73.7332, 91.3245

Monochromacy



Original Color

72.0295, 73.7332, 91.3245

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2710, 74.2798, 84.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0295, 73.7332, 91.3245 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(224, 221, 238) looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.0295, 73.7332, 91.3245 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(224, 221, 238) }
```


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

```
.border{ border-color:rgb(224, 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(224, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0295, 73.7332, 91.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 238) }
```

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

```
.background{ background-color: rgb(224,  
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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