

Converting Colors

XYZ(73.0424, 74.2561, 91.3728)

Have a look what the booklet for
XYZ(73.0424, 74.2561, 91.3728)
contains.

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Color

**XYZ(72.9676, 74.2168,
91.3684)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DDEE
RGB	227, 221, 238
RGB Percent	89%, 87%, 93%
CMY	0.1098, 0.1333, 0.0667
CMYK	0.05, 0.07, 0.00, 0.07
HSL	261°, 33%, 90%
HSV	261°, 7%, 93%
XYZ	72.9676, 74.2168, 91.3684
YIQ	224.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

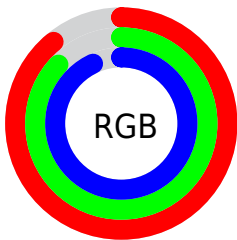
Format	Color
R_{YB}	227, 221, 238
Decimal	14933486
CIE _{Lab}	89.02, 5.13, -7.57
CIE _{LCh}	89, 9.143, 304.152
Yxy	74.2168, 0.3059, 0.3111
Android (android.graphics.Color)	4293123566 (0xFFE3DDEE)
YUV	224.7320, 6.5411, 1.9890
Hunter-Lab	86.1492, 0.4269, -2.5776

Details

The XYZ color **72.9676, 74.2168, 91.3684** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9071, 83.5273, 80.4792**, and the grayscale version is **71.3329, 75.0478, 81.7271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0930, 39.4205, 49.8045** is the 20% darker color. If you saturate the color by 10%, you get **62.4815, 60.1363, 89.2044**, and if you desaturate by 10%, it is **84.7835, 90.3092, 93.8529**.

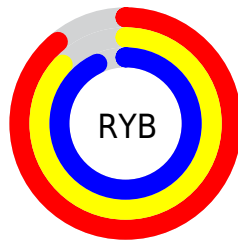
Distribution



Red (89%)

Green (87%)

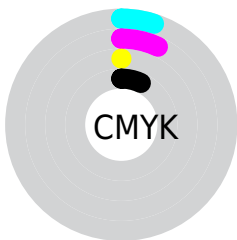
Blue (93%)



Red (89%)

Yellow (87%)

Blue (93%)

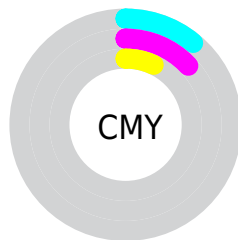


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9676, 74.2168, 91.3684 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 72.9676, 74.2168, 91.3684 by changing the saturation by 10% instead.

■ 72.9676, 74.2168,
91.3684

■ 72.9676, 74.2168,
91.3684

460.0080,
475.2213, 553.1568

■ 54.2378, 54.9715,
68.5361

122.4346,
125.2031, 151.1898

■ 39.0232, 39.3789,
49.8646

153.9024,
157.7129, 189.0159

■ 26.9586, 27.0546,
34.9354

190.3470,
195.4129, 232.6771

■ 17.6785, 17.6142,
23.3299

232.1337,
238.6877, 282.5917

■ 10.8177, 10.6734,
14.6297

279.6277,
287.9215, 339.1785

■ 6.0108, 5.8477,
8.4162

333.1946,

■ 2.8924, 2.7527,

343.4988, 402.8559

4.2708

393.1996,
405.8039, 474.0425

■ 1.0971, 1.0040,
1.7751

■ 0.0227, 0.0000,
0.4114

■ 72.9676, 74.2168,
91.3684

■ 72.9676, 74.2168,
91.3684

■ 62.4815, 60.1363,
89.2044

■ 84.7835, 90.3092,
93.8529

■ 53.2700, 47.9778,
87.3431

■ 92.4328, 98.9531,
95.1182

■ 45.2836, 37.6586,
85.7722

■ 38.4669, 29.0861,
84.4768

■ 32.7598, 22.1595,
83.4406

■ 28.0965, 16.7674,
82.6456

■ 24.4034, 12.7839,
82.0714

■ 21.5956, 10.0623,
81.6941

■ 19.5667, 8.4138,
81.4828

Harmonies

Analogous

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



70.8508, 74.2168, 93.6432



72.9676, 74.2168, 91.3684



74.4577, 74.2168, 86.2645

Triad

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



72.9676, 74.2168, 91.3684



72.4207, 74.2168, 70.2864



66.3633, 74.2168, 81.6990

Complementary

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



72.9676, 74.2168, 91.3684



76.9071, 83.5273, 80.4792

Split Complementary

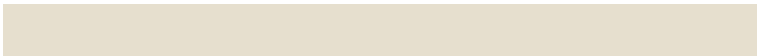
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.7638, 74.2168, 75.5894



72.9676, 74.2168, 91.3684



70.2318, 74.2168, 69.2054

Square

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



72.9676, 74.2168, 91.3684



74.1373, 74.2168, 74.1306



68.1685, 74.2168, 71.0971



67.0626, 74.2168, 87.8780

Rectangle

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



72.9676, 74.2168, 91.3684



74.8787, 74.2168, 82.0631



68.1685, 74.2168, 71.0971



66.3738, 74.2168, 79.5687

Sweetspot

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



72.9698, 74.2200, 91.3700



92.2406, 96.1684, 108.3085



74.1247, 79.2890, 92.2876



19.7728, 20.6242, 23.1887



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.



72.9698, 74.2200, 91.3700



82.9058, 83.5124, 106.3576



75.7011, 75.6280, 91.4978



15.4234, 15.5000, 19.9005



10.7751, 4.5602, 45.4402



1.0006, 0.4331, 3.7851

Inverse Universe

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



75.6844, 75.7195, 86.9739



86.8842, 85.7108, 99.8817



74.2294, 82.1469, 80.3539



16.2037, 15.9312, 18.6288



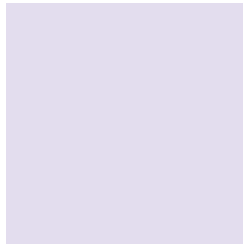
22.9906, 11.4687, 18.3990



1.9596, 0.9729, 1.7783

Previews

White Background



This preview shows how the XYZ color 72.9676, 74.2168, 91.3684 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 72.9676, 74.2168, 91.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

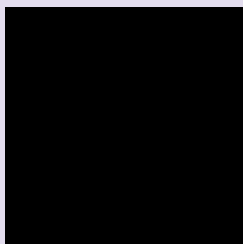
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

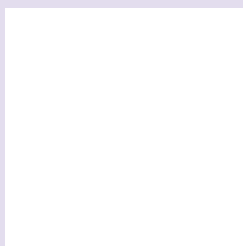
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9676, 74.2168, 91.3684

Background



This preview shows how black text looks on a background with the XYZ color 72.9676, 74.2168, 91.3684.



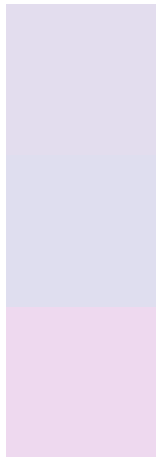
This preview shows how white text looks on a background with the XYZ color 72.9676, 74.2168,

91.3684.

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

72.9676, 74.2168, 91.3684

Protanopia

72.1327, 74.1625, 92.1744

Deuteranopia

75.6527, 74.0348, 91.9642



Tritanopia

72.9676, 74.2168, 91.3684

Trichromacy



Original Color

72.9676, 74.2168, 91.3684

Protanomaly

72.4417, 74.3218, 92.1888

Deuteranomaly

74.5831, 73.8672, 91.9882

Tritanomaly

72.9676, 74.2168, 91.3684

Monochromacy



Original Color

72.9676, 74.2168, 91.3684

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3026, 75.1932, 85.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9676, 74.2168, 91.3684 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(227, 221, 238) looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.9676, 74.2168, 91.3684 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(227, 221, 238) }
```


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

```
.border{ border-color:rgb(227, 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(227, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9676, 74.2168, 91.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 238) }
```

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

```
.background{ background-color: rgb(227,  
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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