

Converting Colors

XYZ(72.1823, 75.0904, 90.4731)

Have a look what the booklet for
XYZ(72.1823, 75.0904, 90.4731)
contains.

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Color

**XYZ(72.0659, 74.9553,
90.7903)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE0ED
RGB	222, 224, 237
RGB Percent	87%, 88%, 93%
CMY	0.1294, 0.1215, 0.0706
CMYK	0.06, 0.05, 0.00, 0.07
HSL	232°, 29%, 90%
HSV	232°, 6%, 93%
XYZ	72.0659, 74.9553, 90.7903
YIQ	224.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

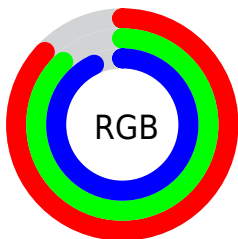
Format	Color
R _Y B	222, 224, 237
Decimal	14606573
CIE Lab	89.37, 1.74, -6.57
CIE LCh	89, 6.796, 284.857
Yxy	74.9553, 0.3030, 0.3152
Android (android.graphics.Color)	4292796653 (0xFFDEE0ED)
YUV	224.8840, 5.9732, -2.5293
Hunter-Lab	86.5767, -2.9270, -1.5719

Details

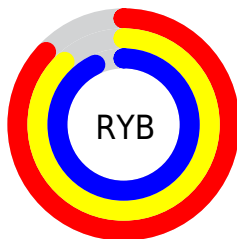
The XYZ color **72.0659, 74.9553, 90.7903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8184, 82.6944, 80.9687**, and the grayscale version is **71.4478, 75.1686, 81.8586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4648, 39.9276, 49.3955** is the 20% darker color. If you saturate the color by 10%, you get **60.1218, 61.0957, 88.7458**, and if you desaturate by 10%, it is **85.7012, 90.6803, 93.1080**.

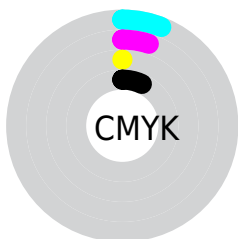
Distribution



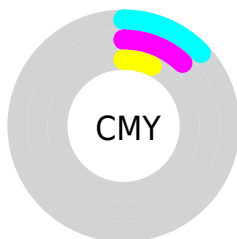
- Red (87%)
- Green (88%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0659, 74.9553, 90.7903 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 72.0659, 74.9553, 90.7903 by changing the saturation by 10% instead.

■ 72.0659, 74.9553,
90.7903

■ 72.0659, 74.9553,
90.7903

456.9250,
477.7639, 551.2346

■ 53.4982, 55.5763,
68.0589

121.1605,
126.2491, 150.3808

■ 38.4297, 39.8633,
49.4787

152.4181,
158.9326, 188.0769

■ 26.4951, 27.4320,
34.6311

188.6364,
196.8198, 231.5984

■ 17.3290, 17.8979,
23.0975

230.1806,
240.2950, 281.3637

■ 10.5661, 10.8767,
14.4596

277.4163,
289.7426, 337.7915

■ 5.8410, 5.9840,
8.2986

330.7087,

■ 2.7884, 2.8354,

345.5470, 401.3002

4.1961

390.4231,
408.0927, 472.3084

■ 1.0429, 1.0464,
1.7335

■ 0.0000, 0.0000,
0.3836

■ 72.0659, 74.9553,
90.7903

■ 72.0659, 74.9553,
90.7903

■ 60.1218, 61.0957,
88.7458

■ 85.7012, 90.6803,
93.1080

■ 49.7964, 49.0228,
86.9597

■ 92.2863, 98.8945,
94.3465

■ 41.0215, 38.6665,
85.4232

■ 33.7218, 29.9482,
84.1252

■ 27.8151, 22.7832,
83.0535

■ 23.2117, 17.0792,
82.1951

■ 19.8107, 12.7339,
81.5357

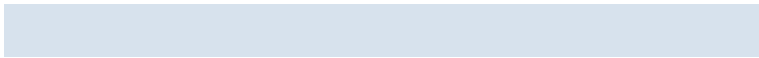
■ 17.4961, 9.6312,
81.0588

■ 16.1270, 7.6343,
80.7455

Harmonies

Analogous

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



70.4106, 74.9553, 90.7776



72.0659, 74.9553, 90.7903



73.5223, 74.9553, 88.2798

Triad

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



72.0659, 74.9553, 90.7903



73.5339, 74.9553, 75.3224



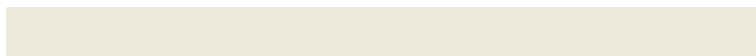
68.2001, 74.9553, 79.2443

Complementary

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



72.0659, 74.9553, 90.7903



77.8184, 82.6944, 80.9687

Split Complementary

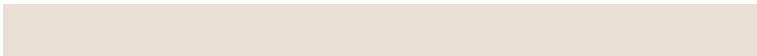
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0108, 74.9553, 75.2917



72.0659, 74.9553, 90.7903



72.0815, 74.9553, 73.0881

Square

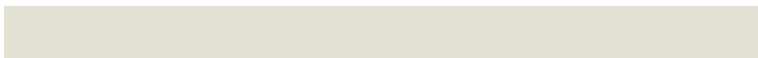
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0659, 74.9553, 90.7903



74.3788, 74.9553, 79.2877



70.4259, 74.9553, 73.0770



68.1961, 74.9553, 83.9846

Rectangle

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



72.0659, 74.9553, 90.7903



74.1772, 74.9553, 85.5672



70.4259, 74.9553, 73.0770



68.3868, 74.9553, 77.7836

Sweetspot

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



72.0681, 74.9585, 90.7919



91.8050, 96.2585, 108.3488



75.3689, 82.0829, 90.2804



19.6840, 20.6425, 23.1969



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.



72.0681, 74.9585, 90.7919



82.5573, 85.5707, 106.7733



73.1660, 74.7299, 90.6900



14.3934, 14.8732, 19.0345



8.6760, 3.9990, 44.0576



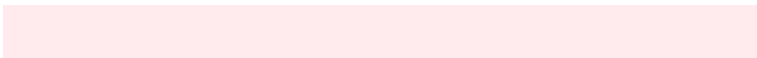
0.7330, 0.4174, 3.4768

Inverse Universe

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



74.5026, 75.6304, 81.1961



86.1675, 86.5813, 92.5400



76.6678, 82.9575, 81.0801



15.1474, 15.0868, 16.0613



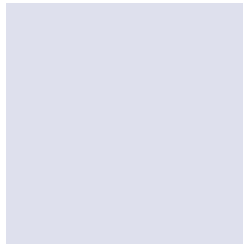
19.2345, 9.8965, 1.7705



1.5365, 0.7875, 0.2764

Previews

White Background



This preview shows how the XYZ color 72.0659, 74.9553, 90.7903 looks on a white background.

Color Contrast Check

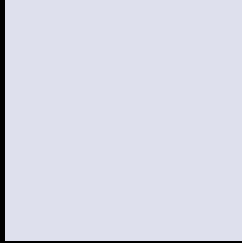
Large Text (above 18pt) WCAG AA × Fail

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 72.0659, 74.9553, 90.7903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

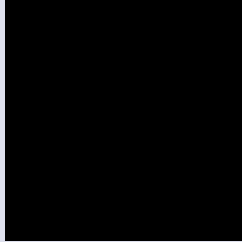
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

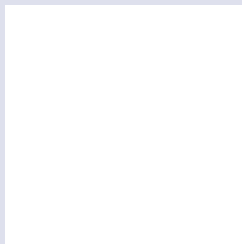
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0659, 74.9553, 90.7903

Background



This preview shows how black text looks on a background with the XYZ color 72.0659, 74.9553, 90.7903.



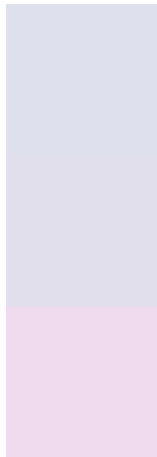
This preview shows how white text looks on a background with the XYZ color 72.0659, 74.9553,

90.7903.

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

72.0659, 74.9553, 90.7903

Protanopia

72.5793, 74.8390, 89.9769

Deuteranopia

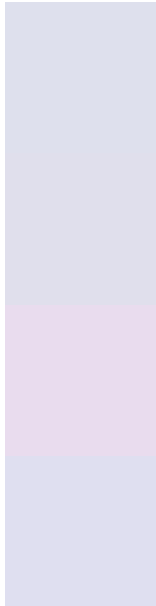
76.4392, 74.8411, 91.3059



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

72.0659, 74.9553, 90.7903

Protanomaly

72.2685, 74.6788, 89.9624

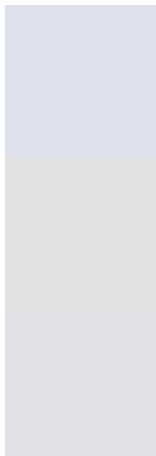
Deuteranomaly

74.6301, 74.6831, 91.3708

Tritanomaly

72.5473, 74.7546, 93.0435

Monochromacy



Original Color

72.0659, 74.9553, 90.7903

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8085, 75.3549, 84.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0659, 74.9553, 90.7903 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(222, 224, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 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(222, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.0659, 74.9553, 90.7903 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(222, 224, 237) }
```


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

```
.border{ border-color:rgb(222, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0659, 74.9553, 90.7903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 237) }
```

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

```
.background{ background-color: rgb(222,  
224, 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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