

Converting Colors

XYZ(72.3404, 73.8935, 91.3390)

Have a look what the booklet for
XYZ(72.3404, 73.8935, 91.3390)
contains.

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Color

**XYZ(72.3404, 73.8935,
91.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DDEE
RGB	225, 221, 238
RGB Percent	88%, 87%, 93%
CMY	0.1176, 0.1333, 0.0667
CMYK	0.05, 0.07, 0.00, 0.07
HSL	254°, 33%, 90%
HSV	254°, 7%, 93%
XYZ	72.3404, 73.8935, 91.3390
YIQ	224.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

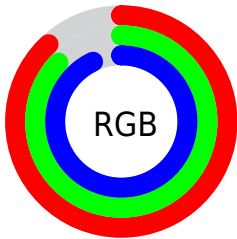
Format	Color
R _Y B	225, 221, 238
Decimal	14802414
CIE Lab	88.87, 4.48, -7.81
CIE LCh	89, 9.001, 299.817
Yxy	73.8935, 0.3045, 0.3110
Android (android.graphics.Color)	4292992494 (0xFFE1DDEE)
YUV	224.1340, 6.8359, 0.7595
Hunter-Lab	85.9613, -0.2164, -2.8262

Details

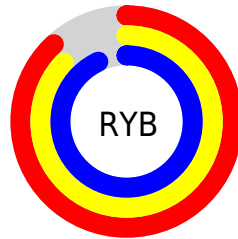
The XYZ color **72.3404, 73.8935, 91.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5601, 83.8639, 80.5098**, and the grayscale version is **70.9034, 74.5959, 81.2349**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6573, 39.1959, 49.7841** is the 20% darker color. If you saturate the color by 10%, you get **61.1214, 59.4352, 89.1407**, and if you desaturate by 10%, it is **85.0595, 90.4515, 93.8658**.

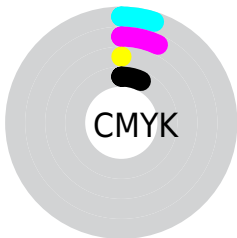
Distribution



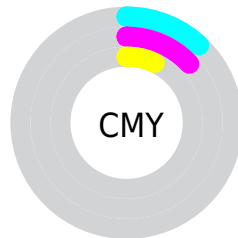
- Red (88%)
- Green (87%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3404, 73.8935, 91.3390 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 72.3404, 73.8935, 91.3390 by changing the saturation by 10% instead.

72.3404, 73.8935,
91.3390

72.3404, 73.8935,
91.3390

457.8648,
474.1057, 553.0591

53.7232, 54.7069,
68.5118

121.5486,
124.7448, 151.1487

38.6102, 39.1671,
49.8449

152.8703,
157.1783, 188.9682

26.6360, 26.8897,
34.9199

189.1575,
194.7962, 232.6222

17.4352, 17.4904,
23.3181

230.7757,
237.9829, 282.5293

10.6425, 10.5848,
14.6211

278.0902,
287.1228, 339.1080

5.8925, 5.7884,
8.4102

331.4663,

2.8199, 2.7168,

342.6003, 402.7769

4.2670

391.2694,
404.7998, 473.9544

■ 1.0592, 0.9857,
1.7729

■ 0.0000, 0.0000,
0.4100

■ 72.3404, 73.8935,
91.3390

■ 72.3404, 73.8935,
91.3390

■ 61.1214, 59.4352,
89.1407

■ 85.0595, 90.4515,
93.8658

■ 51.3400, 46.9828,
87.2527

■ 92.4328, 98.9531,
95.1181

■ 42.9384, 36.4496,
85.6624

■ 35.8527, 27.7384,
84.3544

■ 30.0135, 20.7437,
83.3121

■ 25.3450, 15.3489,
82.5168

■ 21.7623, 11.4224,
81.9478

■ 19.1681, 8.8108,
81.5804

■ 17.4416, 7.3183,
81.3833

Harmonies

Analogous

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



70.2202, 73.8935, 93.0809



72.3404, 73.8935, 91.3390



73.9230, 73.8935, 86.6508

Triad

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



72.3404, 73.8935, 91.3390



72.3641, 73.8935, 70.5115



66.1211, 73.8935, 80.4191

Complementary

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



72.3404, 73.8935, 91.3390



77.5601, 83.8639, 80.5098

Split Complementary

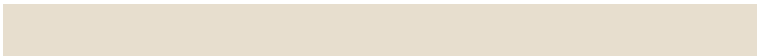
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6690, 73.8935, 74.5665



72.3404, 73.8935, 91.3390



70.2469, 73.8935, 69.0303

Square

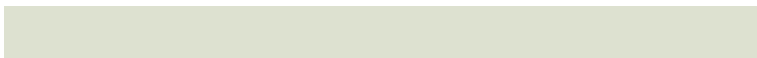
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3404, 73.8935, 91.3390



73.9368, 73.8935, 74.6296



68.1680, 73.8935, 70.4764



66.6560, 73.8935, 86.5811

Rectangle

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



72.3404, 73.8935, 91.3390



74.4444, 73.8935, 82.6004



68.1680, 73.8935, 70.4764



66.1846, 73.8935, 78.3519

Sweetspot

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



72.3426, 73.8966, 91.3406



92.0240, 96.0567, 108.2984



74.6862, 80.4120, 92.4747



19.7286, 20.6014, 23.1866



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.



72.3426, 73.8966, 91.3406



81.9950, 83.0429, 106.3150



75.0483, 75.2915, 91.4672



15.2452, 15.4081, 19.8922



9.6134, 3.9613, 45.3858



0.8851, 0.3735, 3.7797

Inverse Universe

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



75.9702, 75.8338, 88.4789



87.3039, 85.8787, 102.0916



74.8460, 82.4647, 80.3828



16.2860, 15.9641, 19.0624



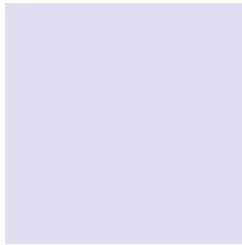
24.4367, 12.0471, 26.0139



2.0708, 1.0174, 2.3639

Previews

White Background



This preview shows how the XYZ color 72.3404, 73.8935, 91.3390 looks on a white background.

Color Contrast Check

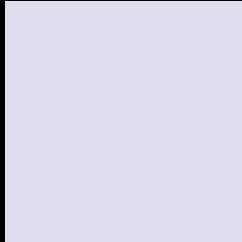
Large Text (above 18pt) WCAG AA × Fail

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 72.3404, 73.8935, 91.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

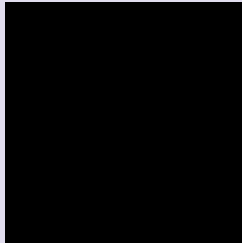
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3404, 73.8935, 91.3390

Background



This preview shows how black text looks on a background with the XYZ color 72.3404, 73.8935, 91.3390.



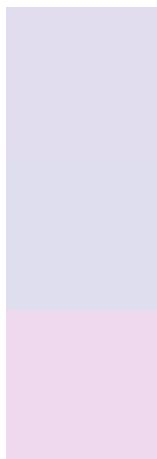
This preview shows how white text looks on a background with the XYZ color 72.3404, 73.8935,

91.3390.

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

72.3404, 73.8935, 91.3390

Protanopia

71.9853, 74.1036, 91.3983

Deuteranopia

75.6527, 74.0348, 91.9642



Tritanopia

72.3404, 73.8935, 91.3390

Trichromacy



Original Color

72.3404, 73.8935, 91.3390

Protanomaly

72.2944, 74.2629, 91.4128

Deuteranomaly

74.2557, 73.6984, 91.9729

Tritanomaly

72.3404, 73.8935, 91.3390

Monochromacy



Original Color

72.3404, 73.8935, 91.3390

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 72.3404, 73.8935, 91.3390 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(225, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 221, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.3404, 73.8935, 91.3390 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(225, 221, 238) }
```


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

```
.border{ border-color:rgb(225, 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(225, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 221,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3404, 73.8935, 91.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 221, 238) }
```

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

```
.background{ background-color: rgb(225,  
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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