

Converting Colors

XYZ(72.4619, 74.8302, 89.8862)

Have a look what the booklet for
XYZ(72.4619, 74.8302, 89.8862)
contains.

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Color

**XYZ(72.5793, 74.8390,
89.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFEC
RGB	225, 223, 236
RGB Percent	88%, 87%, 93%
CMY	0.1176, 0.1255, 0.0745
CMYK	0.05, 0.06, 0.00, 0.07
HSL	249°, 25%, 90%
HSV	249°, 6%, 93%
XYZ	72.5793, 74.8390, 89.9769
YIQ	225.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

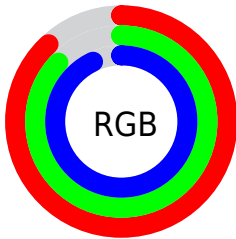
Format	Color
R _Y B	225, 223, 236
Decimal	14802924
CIE Lab	89.32, 3.06, -6.10
CIE LCh	89, 6.823, 296.626
Yxy	74.8390, 0.3057, 0.3153
Android (android.graphics.Color)	4292993004 (0xFFE1DFEC)
YUV	225.0800, 5.3836, -0.0702
Hunter-Lab	86.5095, -1.6347, -1.1097

Details

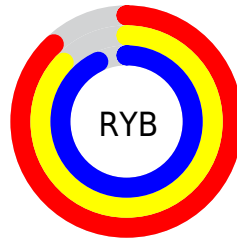
The XYZ color **72.5793, 74.8390, 89.9769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2492, 82.8130, 81.7288**, and the grayscale version is **71.5914, 75.3197, 82.0232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8184, 39.8466, 48.8252** is the 20% darker color. If you saturate the color by 10%, you get **60.8416, 60.0727, 87.7465**, and if you desaturate by 10%, it is **85.9287, 91.7449, 92.5376**.

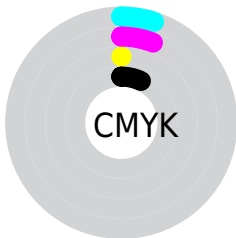
Distribution



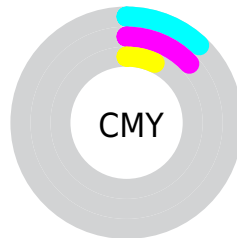
- Red (88%)
- Green (87%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5793, 74.8390, 89.9769 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 72.5793, 74.8390, 89.9769 by changing the saturation by 10% instead.

■ 72.5793, 74.8390,
89.9769

■ 72.5793, 74.8390,
89.9769

458.6818,
477.3640, 548.5239

■ 53.9192, 55.4810,
67.3879

121.8861,
126.0844, 149.2415

■ 38.7675, 39.7870,
48.9363

153.2636,
158.7407, 186.7543

■ 26.7588, 27.3725,
34.2037

189.6108,
196.5984, 230.0786

■ 17.5278, 17.8532,
22.7715

231.2933,
240.0421, 279.6331

■ 10.7091, 10.8446,
14.2212

278.6762,
289.4561, 335.8364

■ 5.9374, 5.9624,
8.1342

332.1251,

■ 2.8474, 2.8223,

345.2248, 399.1069

4.0919

392.0051,
407.7327, 469.8632

■ 1.0736, 1.0397,
1.6759

■ 0.0028, 0.0000,
0.3441

■ 72.5793, 74.8390,
89.9769

■ 72.5793, 74.8390,
89.9769

■ 60.8416, 60.0727,
87.7465

■ 85.9287, 91.7449,
92.5376

■ 50.6478, 47.3512,
85.8283

■ 92.1405, 98.8362,
93.5790

■ 41.9352, 36.5869,
84.2098

■ 34.6340, 27.6818,
82.8757

■ 28.6687, 20.5299,
81.8097

■ 23.9568, 15.0139,
80.9933

■ 20.4063, 11.0023,
80.4061

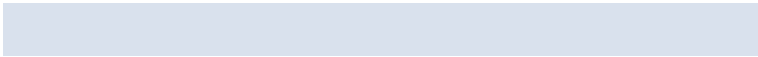
■ 17.9119, 8.3427,
80.0243

■ 16.3480, 6.8497,
79.8185

Harmonies

Analogous

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



70.9437, 74.8390, 91.0044



72.5793, 74.8390, 89.9769



73.8443, 74.8390, 86.6448

Triad

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



72.5793, 74.8390, 89.9769



72.9111, 74.8390, 74.0546



67.9784, 74.8390, 80.9476

Complementary

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



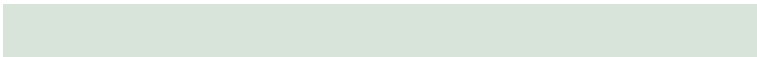
72.5793, 74.8390, 89.9769



77.2492, 82.8130, 81.7288

Split Complementary

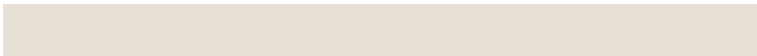
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4874, 74.8390, 76.5379



72.5793, 74.8390, 89.9769



71.3211, 74.8390, 72.6573

Square

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



72.5793, 74.8390, 89.9769



74.0380, 74.8390, 77.4394



69.7045, 74.8390, 73.5486



68.3035, 74.8390, 85.6732

Rectangle

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



72.5793, 74.8390, 89.9769



74.2983, 74.8390, 83.6300



69.7045, 74.8390, 73.5486



68.0574, 74.8390, 79.3808

Sweetspot

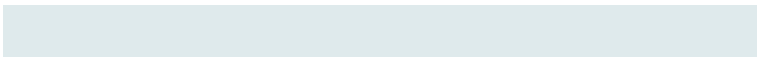
The Sweet Spot groups the original color and five complimentary colors.



72.5815, 74.8422, 89.9785



91.8743, 95.9796, 108.2914



75.0112, 80.6203, 90.9658



19.6982, 20.5857, 23.1852



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.



72.5815, 74.8422, 89.9785



84.2762, 86.3816, 106.8392



74.6310, 75.8987, 90.0745



14.9330, 15.2728, 19.0831



8.8194, 3.5825, 43.9696



0.7583, 0.3152, 3.4558

Inverse Universe

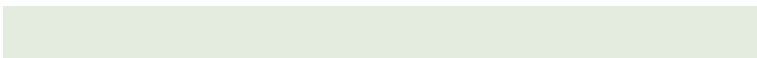
The Inverse Universe completely reimagines the original color for something new.



75.8336, 76.5521, 88.6249



89.1792, 88.9599, 104.7807



75.1694, 81.7409, 81.6315



15.8744, 15.7678, 18.6867



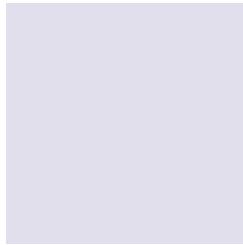
24.8372, 12.1376, 31.2738



1.9772, 0.9638, 2.5973

Previews

White Background



This preview shows how the XYZ color 72.5793, 74.8390, 89.9769 looks on a white background.

Color Contrast Check

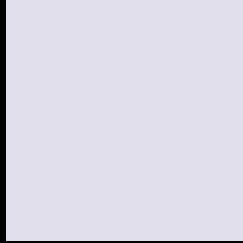
Large Text (above 18pt) WCAG AA × Fail

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 72.5793, 74.8390, 89.9769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

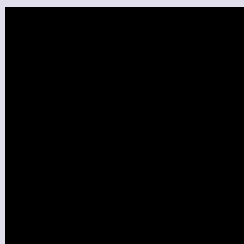
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

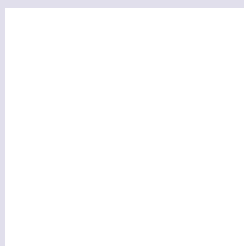
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5793, 74.8390, 89.9769

Background



This preview shows how black text looks on a background with the XYZ color 72.5793, 74.8390, 89.9769.



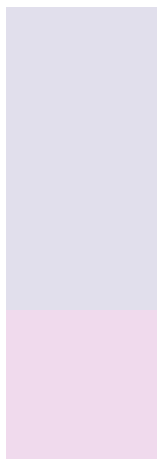
This preview shows how white text looks on a background with the XYZ color 72.5793, 74.8390,

89.9769.

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

72.5793, 74.8390, 89.9769

Protanopia

72.5793, 74.8390, 89.9769

Deuteranopia

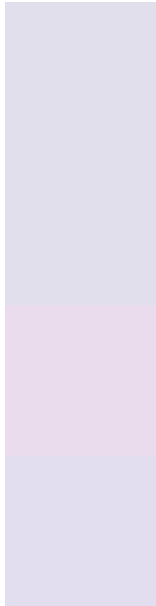
76.2926, 74.7825, 90.5342



Tritanopia

73.2135, 74.7026, 92.9983

Trichromacy



Original Color

72.5793, 74.8390, 89.9769

Protanomaly

72.5793, 74.8390, 89.9769

Deuteranomaly

75.1402, 74.9630, 90.6298

Tritanomaly

73.0653, 74.6433, 92.2180

Monochromacy



Original Color

72.5793, 74.8390, 89.9769

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8498, 74.9760, 84.8137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5793, 74.8390, 89.9769 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, 223, 236) looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 236)  
}
```

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, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 236) }
```

Border

The CSS property to change the border of an element to XYZ 72.5793, 74.8390, 89.9769 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, 223, 236) }
```


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

```
.border{ border-color:rgb(225, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5793, 74.8390, 89.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 236) }
```

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

```
.background{ background-color: rgb(225,  
223, 236) }
```

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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