

Converting Colors

XYZ(74.9849, 73.6906, 91.9329)

Have a look what the booklet for
XYZ(74.9849, 73.6906, 91.9329)
contains.

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Color

**XYZ(74.9849, 73.6906,
91.9329)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD9EF
RGB	236, 217, 239
RGB Percent	93%, 85%, 94%
CMY	0.0745, 0.1490, 0.0627
CMYK	0.01, 0.09, 0.00, 0.06
HSL	292°, 41%, 89%
HSV	292°, 9%, 94%
XYZ	74.9849, 73.6906, 91.9329
YIQ	225.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

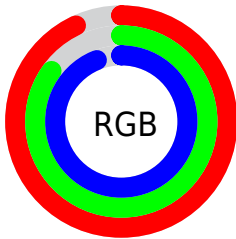
Format	Color
R _Y B	236, 217, 239
Decimal	15522287
CIE Lab	88.78, 10.39, -8.38
CIE LCh	89, 13.347, 321.092
Yxy	73.6906, 0.3116, 0.3063
Android (android.graphics.Color)	4293712367 (0xFFECD9EF)
YUV	225.1890, 6.8088, 9.4812
Hunter-Lab	85.8432, 5.6958, -3.4057

Details

The XYZ color **74.9849, 73.6906, 91.9329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9088, 81.9603, 77.6266**, and the grayscale version is **71.6562, 75.3879, 82.0974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2900, 38.9629, 50.1968** is the 20% darker color. If you saturate the color by 10%, you get **68.1936, 61.6989, 89.9773**, and if you desaturate by 10%, it is **82.6924, 87.4830, 94.1900**.

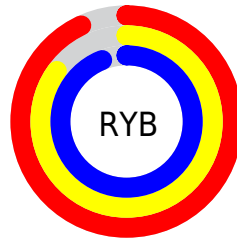
Distribution



Red (93%)

Green (85%)

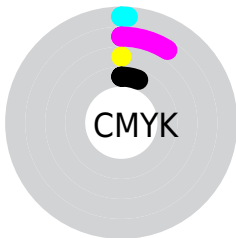
Blue (94%)



Red (93%)

Yellow (85%)

Blue (94%)

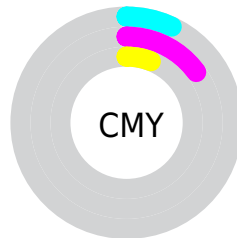


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9849, 73.6906, 91.9329 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 74.9849, 73.6906, 91.9329 by changing the saturation by 10% instead.

74.9849, 73.6906,
91.9329

74.9849, 73.6906,
91.9329

466.8636,
473.4048, 555.0302

55.8947, 54.5408,
69.0022

125.2790,
124.4571, 151.9793

40.3551, 39.0342,
50.2417

157.2136,
156.8427, 189.9320

28.0010, 26.7864,
35.2330

194.1603,
194.4089, 233.7292

18.4669, 17.4128,
23.5574

236.4845,
237.5403, 283.7893

11.3874, 10.5293,
14.7965

284.5516,
286.6212, 340.5309

6.3972, 5.7513,
8.5316

338.7269,

3.1310, 2.6944,

342.0360, 404.3726

4.3444

399.3758,
404.1691, 475.7328

■ 1.2234, 0.9744,
1.8161

■ 0.1248, 0.0000,
0.4385

■ 74.9849, 73.6906,
91.9329

■ 74.9849, 73.6906,
91.9329

■ 68.1936, 61.6989,
89.9773

■ 82.6924, 87.4830,
94.1900

■ 62.2736, 51.4219,
88.3057

■ 88.1371, 96.7216,
95.6862

■ 57.1862, 42.7811,
86.9059

■ 89.2692, 97.3052,
95.7392

■ 52.8870, 35.6876,
85.7634

■ 90.4213, 97.8991,
95.7931

■ 49.3273, 30.0445,
84.8618

■ 91.5936, 98.5035,
95.8480

■ 46.4530, 25.7437,
84.1831

■ 92.5802, 99.0121,
95.8942

■ 44.2023, 22.6619,
83.7069

■ 42.5023, 20.6529,
83.4087

■ 41.2396, 19.4907,
83.2509

Harmonies

Analogous

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



72.2993, 73.6906, 97.9997



74.9849, 73.6906, 91.9329



76.3565, 73.6906, 83.0221

Triad

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



74.9849, 73.6906, 91.9329



71.0067, 73.6906, 63.9178



64.4052, 73.6906, 86.8082

Complementary

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



74.9849, 73.6906, 91.9329



72.9088, 81.9603, 77.6266

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.



64.0831, 73.6906, 77.5140



74.9849, 73.6906, 91.9329



67.8297, 73.6906, 64.7610

Square

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



74.9849, 73.6906, 91.9329



74.0138, 73.6906, 67.1778



65.3188, 73.6906, 69.5768



66.2124, 73.6906, 94.8865

Rectangle

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



74.9849, 73.6906, 91.9329



76.3130, 73.6906, 76.8635



65.3188, 73.6906, 69.5768



64.1219, 73.6906, 83.7068

Sweetspot

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



74.9871, 73.6938, 91.9345



92.2751, 95.0185, 108.0847



69.8704, 72.3312, 91.9412



19.5955, 20.0599, 23.0891



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.



74.9871, 73.6938, 91.9345



85.3520, 82.6725, 106.0666



74.8780, 73.7662, 86.1176



16.2299, 15.9157, 19.9382



22.8208, 10.7700, 46.0039



1.9565, 0.9259, 3.8298

Inverse Universe

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



73.3303, 73.1471, 77.9678



83.0875, 81.9277, 86.8696



73.0341, 81.9065, 82.9829



15.8606, 15.7939, 16.8220



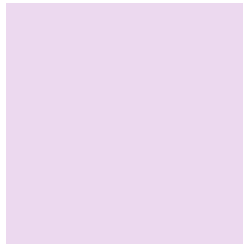
19.8474, 10.2114, 1.8469



1.6784, 0.8604, 0.2973

Previews

White Background



This preview shows how the XYZ color 74.9849, 73.6906, 91.9329 looks on a white background.

Color Contrast Check

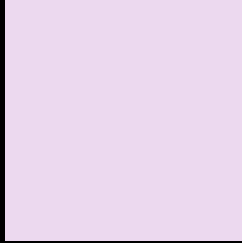
Large Text (above 18pt) WCAG AA × Fail

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 74.9849, 73.6906, 91.9329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

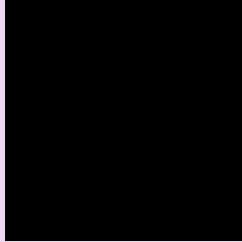
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9849, 73.6906, 91.9329

Background



This preview shows how black text looks on a background with the XYZ color 74.9849, 73.6906, 91.9329.



This preview shows how white text looks on a background with the XYZ color 74.9849, 73.6906,

91.9329.

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

74.9849, 73.6906, 91.9329

Protanopia

71.9671, 74.0255, 94.4997

Deuteranopia

75.3179, 73.8622, 91.9485



Tritanopia

74.3277, 73.8031, 88.9252

Trichromacy



Original Color

74.9849, 73.6906, 91.9329

Protanomaly

72.8344, 73.7060, 93.6070

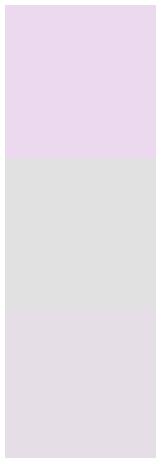
Deuteranomaly

75.3179, 73.8622, 91.9485

Tritanomaly

74.4727, 73.8611, 89.6884

Monochromacy



Original Color

74.9849, 73.6906, 91.9329

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7173, 74.6137, 85.4322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9849, 73.6906, 91.9329 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(236, 217, 239) looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 239)  
}
```

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(236, 217, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.9849, 73.6906, 91.9329 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(236, 217, 239) }
```


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

```
.border{ border-color:rgb(236, 217, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9849, 73.6906, 91.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 239) }
```

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

```
.background{ background-color: rgb(236,  
217, 239) }
```

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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