

Converting Colors

XYZ(74.5063, 74.1535, 89.4443)

Have a look what the booklet for
XYZ(74.5063, 74.1535, 89.4443)
contains.

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Color

**XYZ(74.7328, 74.3813,
89.7751)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBEC
RGB	235, 219, 236
RGB Percent	92%, 86%, 93%
CMY	0.0784, 0.1412, 0.0745
CMYK	0.00, 0.07, 0.00, 0.07
HSL	296°, 31%, 89%
HSV	296°, 7%, 93%
XYZ	74.7328, 74.3813, 89.7751
YIQ	225.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

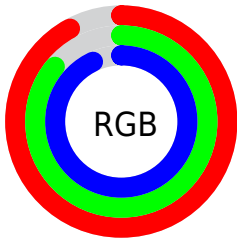
Format	Color
R _Y B	235, 219, 236
Decimal	15457260
CIE Lab	89.10, 8.46, -6.33
CIE LCh	89, 10.567, 323.200
Yxy	74.3813, 0.3128, 0.3114
Android (android.graphics.Color)	4293647340 (0xFFEBDBEC)
YUV	225.7220, 5.0671, 8.1368
Hunter-Lab	86.2446, 3.7461, -1.3459

Details

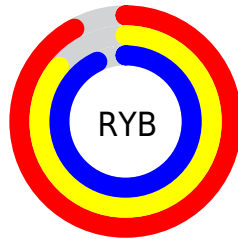
The XYZ color **74.7328, 74.3813, 89.7751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2996, 80.3230, 78.7148**, and the grayscale version is **72.0523, 75.8047, 82.5513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1041, 39.4299, 48.6770** is the 20% darker color. If you saturate the color by 10%, you get **68.5514, 62.6953, 87.8464**, and if you desaturate by 10%, it is **81.7949, 87.8212, 91.9982**.

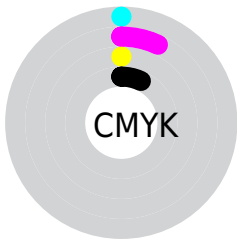
Distribution



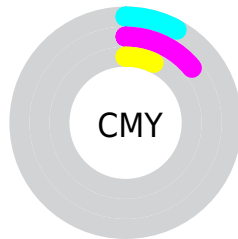
- Red (92%)
- Green (86%)
- Blue (93%)



- Red (92%)
- Yellow (86%)
- Blue (93%)



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





- Cyan (8%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7328, 74.3813, 89.7751 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 74.7328, 74.3813, 89.7751 by changing the saturation by 10% instead.


 74.7328, 74.3813,
89.7751

 74.7328, 74.3813,
89.7751


466.0100,
475.7883, 547.8502

 55.6874, 55.1062,
67.2215


124.9240,
125.4362, 148.9587

 40.1884, 39.4867,
48.8019


156.8005,
157.9847, 186.4258

 27.8703, 27.1386,
34.0979


193.6848,
195.7265, 229.7012

 18.3679, 17.6773,
22.6908

235.9422,
239.0460, 279.2033

 11.3157, 10.7186,
14.1622

283.9380,
288.3275, 335.3507

 6.3485, 5.8779,
8.0935

338.0377,

 3.1008, 2.7710,

343.9555, 398.5619

4.0662

398.6066,
406.3143, 469.2556

■ 1.2073, 1.0134,
1.6618

■ 0.1121, 0.0000,
0.3343

■ 74.7328, 74.3813,
89.7751

■ 74.7328, 74.3813,
89.7751

■ 68.5514, 62.6953,
87.8464

■ 81.7949, 87.8212,
91.9982

■ 63.2078, 52.6806,
86.1950

■ 86.0861, 95.7150,
93.2957

■ 58.6649, 44.2621,
84.8095

■ 86.5535, 95.9560,
93.3175

■ 54.8805, 37.3554,
83.6758

■ 87.0245, 96.1988,
93.3396

51.8086, 31.8683,
82.7786

87.4991, 96.4434,
93.3618

49.3979, 27.6983,
82.1008

87.9773, 96.6900,
93.3842

47.5903, 24.7295,
81.6230

88.4592, 96.9384,
93.4067

46.3179, 22.8256,
81.3226

88.9446, 97.1887,
93.4294

45.4918, 21.8093,
81.1700

89.4338, 97.4408,
93.4523

Harmonies

Analogous

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



72.6640, 74.3813, 94.7208



74.7328, 74.3813, 89.7751



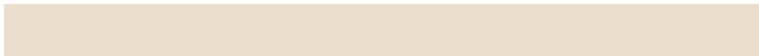
75.7239, 74.3813, 82.6776

Triad

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



74.7328, 74.3813, 89.7751



71.2845, 74.3813, 67.7195



66.2471, 74.3813, 86.6991

Complementary

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



74.7328, 74.3813, 89.7751



72.2996, 80.3230, 78.7148

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.



65.8980, 74.3813, 79.3227



74.7328, 74.3813, 89.7751



68.7662, 74.3813, 68.6522

Square

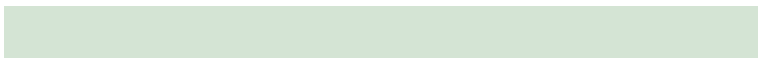
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7328, 74.3813, 89.7751



73.7021, 74.3813, 70.1656



66.8096, 74.3813, 72.7949



67.7751, 74.3813, 92.8710

Rectangle

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



74.7328, 74.3813, 89.7751



75.6236, 74.3813, 77.7962



66.8096, 74.3813, 72.7949



65.9895, 74.3813, 84.2671

Sweetspot

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



74.7350, 74.3845, 89.7767



93.3342, 96.7322, 108.3597



69.9851, 72.3762, 89.6394



19.9953, 20.7389, 23.1991



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.



74.7350, 74.3845, 89.7767



87.6657, 85.9662, 106.5804



74.0176, 74.1358, 84.2714



15.6222, 15.2660, 19.0455



25.0096, 11.9289, 44.7273



1.9905, 0.9504, 3.5134

Inverse Universe

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



72.8445, 73.6665, 78.0935



84.8759, 84.9075, 89.3061



72.9893, 80.5640, 83.9217



15.1014, 15.0684, 15.8192



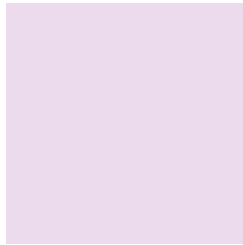
19.1262, 9.8532, 1.1999



1.5145, 0.7788, 0.1610

Previews

White Background



This preview shows how the XYZ color 74.7328, 74.3813, 89.7751 looks on a white background.

Color Contrast Check

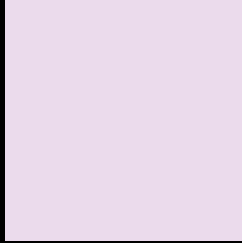
Large Text (above 18pt) WCAG AA × Fail

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 74.7328, 74.3813, 89.7751 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

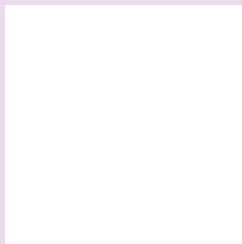
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7328, 74.3813, 89.7751

Background



This preview shows how black text looks on a background with the XYZ color 74.7328, 74.3813, 89.7751.



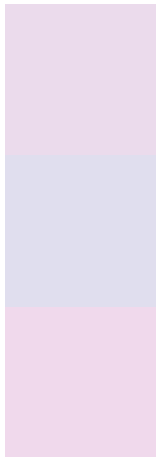
This preview shows how white text looks on a background with the XYZ color 74.7328, 74.3813,

89.7751.

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

74.7328, 74.3813, 89.7751

Protanopia

72.2944, 74.2629, 91.4128

Deuteranopia

75.8884, 74.2071, 89.6805



Tritanopia

74.7328, 74.3813, 89.7751

Trichromacy



Original Color

74.7328, 74.3813, 89.7751

Protanomaly

73.1374, 74.3213, 90.6115

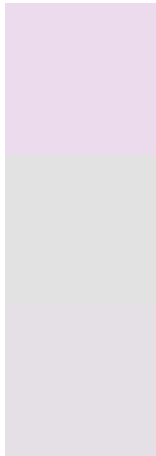
Deuteranomaly

75.4716, 74.3761, 89.7351

Tritanomaly

74.7328, 74.3813, 89.7751

Monochromacy



Original Color

74.7328, 74.3813, 89.7751

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9837, 75.1465, 85.5210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7328, 74.3813, 89.7751 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(235, 219, 236) looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 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(235, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.7328, 74.3813, 89.7751 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(235, 219, 236) }
```


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

```
.border{ border-color:rgb(235, 219, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 219, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7328, 74.3813, 89.7751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 236) }
```

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

```
.background{ background-color: rgb(235,  
219, 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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