

Converting Colors

XYZ(74.8432, 74.3875, 92.0749)

Have a look what the booklet for
XYZ(74.8432, 74.3875, 92.0749)
contains.

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Color

**XYZ(74.8432, 74.3875,
92.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	EADBEF
RGB	234, 219, 239
RGB Percent	92%, 86%, 94%
CMY	0.0823, 0.1412, 0.0627
CMYK	0.02, 0.08, 0.00, 0.06
HSL	285°, 38%, 90%
HSV	285°, 8%, 94%
XYZ	74.8432, 74.3875, 92.0749
YIQ	225.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

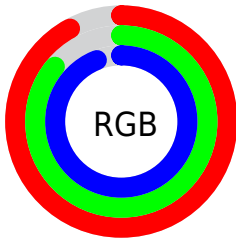
Format	Color
R_{YB}	234, 219, 239
Decimal	15391727
CIE _{Lab}	89.11, 8.68, -7.91
CIE _{LCh}	89, 11.742, 317.634
Yxy	74.3875, 0.3102, 0.3083
Android (android.graphics.Color)	4293581807 (0xFFEADBEF)
YUV	225.7650, 6.5249, 7.2221
Hunter-Lab	86.2482, 3.9618, -2.9218

Details

The XYZ color **74.8432, 74.3875, 92.0749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3959, 82.6967, 79.0626**, and the grayscale version is **72.0740, 75.8275, 82.5761**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1828, 39.4348, 50.2936** is the 20% darker color. If you saturate the color by 10%, you get **67.1220, 61.8077, 90.0548**, and if you desaturate by 10%, it is **83.5302, 88.7982, 94.3997**.

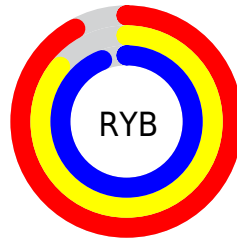
Distribution



Red (92%)

Green (86%)

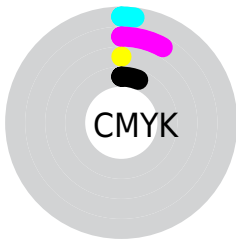
Blue (94%)



Red (92%)

Yellow (86%)

Blue (94%)

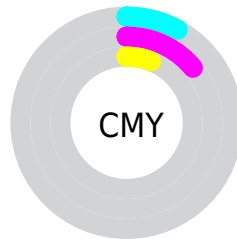


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8432, 74.3875, 92.0749 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 74.8432, 74.3875, 92.0749 by changing the saturation by 10% instead.

74.8432, 74.3875,
92.0749

74.8432, 74.3875,
92.0749

466.3839,
475.8097, 555.5009

55.7782, 55.1113,
69.1195

125.0795,
125.4450, 152.1778

40.2614, 39.4908,
50.3366

156.9814,
157.9950, 190.1623

27.9275, 27.1418,
35.3079

193.8931,
195.7383, 233.9937

18.4112, 17.6797,
23.6147

236.1797,
239.0595, 284.0903

11.3471, 10.7203,
14.8385

284.2068,
288.3428, 340.8708

6.3698, 5.8791,
8.5608

338.3396,

3.1140, 2.7717,

343.9727, 404.7537

4.3629

398.9436,
406.3335, 476.1575

■ 1.2143, 1.0137,
1.8265

■ 0.1176, 0.0000,
0.4453

■ 74.8432, 74.3875,
92.0749

■ 74.8432, 74.3875,
92.0749

■ 67.1220, 61.8077,
90.0548

■ 83.5302, 88.7982,
94.3997

■ 60.3213, 50.9729,
88.3219

■ 89.3300, 97.3365,
95.7421

■ 54.4021, 41.8047,
86.8643

■ 91.4596, 98.4344,
95.8418

■ 49.3196, 34.2146,
85.6671

■ 92.5802, 99.0121,
95.8942

■ 45.0252, 28.1063,
84.7144

■ 41.4646, 23.3722,
83.9883

■ 38.5762, 19.8904,
83.4685

■ 36.2876, 17.5167,
83.1309

■ 34.4956, 16.0462,
82.9416

Harmonies

Analogous

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



72.3816, 74.3875, 96.9455



74.8432, 74.3875, 92.0749



76.2101, 74.3875, 84.4141

Triad

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



74.8432, 74.3875, 92.0749



71.8870, 74.3875, 66.5691



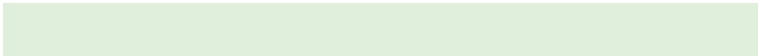
65.5923, 74.3875, 85.8591

Complementary

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



74.8432, 74.3875, 92.0749



74.3959, 82.6967, 79.0626

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.



65.4680, 74.3875, 77.6702



74.8432, 74.3875, 92.0749



69.0508, 74.3875, 66.8983

Square

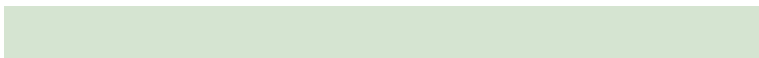
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8432, 74.3875, 92.0749



74.4727, 74.3875, 69.9106



66.7185, 74.3875, 70.8423



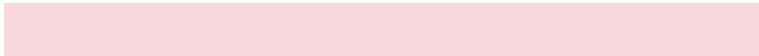
67.0629, 74.3875, 93.1939

Rectangle

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



74.8432, 74.3875, 92.0749



76.2930, 74.3875, 78.9218



66.7185, 74.3875, 70.8423



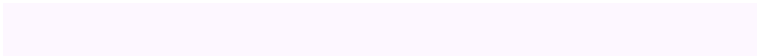
65.3931, 74.3875, 83.1049

Sweetspot

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



74.8454, 74.3907, 92.0765



91.9577, 94.8548, 108.0699



71.5418, 74.7861, 92.3270



19.5096, 20.0156, 23.0851



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.



74.8454, 74.3907, 92.0765



85.1409, 83.6064, 106.2580



75.8296, 74.9767, 88.5703



16.0458, 15.8208, 19.9296



19.0403, 8.8210, 45.8270



1.6741, 0.7803, 3.8166

Inverse Universe

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



74.3853, 74.3990, 80.9647



84.5202, 83.6247, 90.9490



73.4920, 82.1588, 82.2722



15.9349, 15.8237, 17.2135



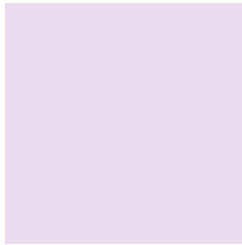
20.1628, 10.3375, 3.5079



1.7159, 0.8754, 0.4950

Previews

White Background



This preview shows how the XYZ color 74.8432, 74.3875, 92.0749 looks on a white background.

Color Contrast Check

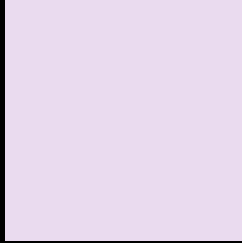
Large Text (above 18pt) WCAG AA × Fail

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 74.8432, 74.3875, 92.0749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

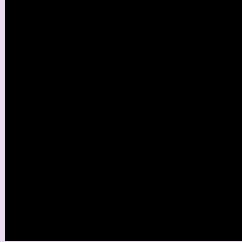
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

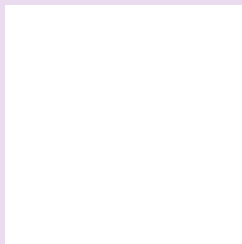
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8432, 74.3875, 92.0749

Background



This preview shows how black text looks on a background with the XYZ color 74.8432, 74.3875, 92.0749.



This preview shows how white text looks on a background with the XYZ color 74.8432, 74.3875,

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

74.8432, 74.3875, 92.0749

Protanopia

72.4299, 74.2814, 93.7394

Deuteranopia

75.9894, 74.2084, 91.9799



Tritanopia

74.5493, 74.2699, 90.5271

Trichromacy



Original Color

74.8432, 74.3875, 92.0749

Protanomaly

73.2632, 74.3351, 92.9248

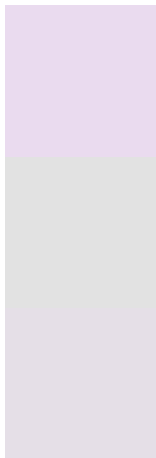
Deuteranomaly

75.5764, 74.3793, 92.0347

Tritanomaly

74.6958, 74.3285, 91.2989

Monochromacy



Original Color

74.8432, 74.3875, 92.0749

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1246, 75.2029, 86.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8432, 74.3875, 92.0749 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(234, 219, 239)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 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(234, 219, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.8432, 74.3875, 92.0749 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(234, 219, 239) }
```


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

```
.border{ border-color:rgb(234, 219, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8432, 74.3875, 92.0749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 239) }
```

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

```
.background{ background-color: rgb(234,  
219, 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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