

Converting Colors

XYZ(73.7933, 73.4176, 93.5167)

Have a look what the booklet for
XYZ(73.7933, 73.4176, 93.5167)
contains.

XYZ(73.9036, 73.4826, 93.5075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9036, 73.4826,
93.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DAF1
RGB	231, 218, 241
RGB Percent	91%, 85%, 95%
CMY	0.0941, 0.1451, 0.0549
CMYK	0.04, 0.10, 0.00, 0.05
HSL	274°, 45%, 90%
HSV	274°, 10%, 95%
XYZ	73.9036, 73.4826, 93.5075
YIQ	224.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

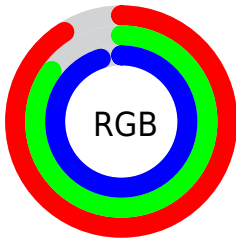
Format	Color
R _{YB}	231, 218, 241
Decimal	15194865
CIE Lab	88.68, 8.58, -9.63
CIE LCh	89, 12.895, 311.711
Yxy	73.4826, 0.3068, 0.3050
Android (android.graphics.Color)	4293384945 (0xFFE7DAF1)
YUV	224.5090, 8.1301, 5.6926
Hunter-Lab	85.7220, 3.8769, -4.6695

Details

The XYZ color **73.9036, 73.4826, 93.5075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1077, 84.4684, 78.6260**, and the grayscale version is **71.1610, 74.8669, 81.5301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5333, 38.8111, 51.3066** is the 20% darker color. If you saturate the color by 10%, you get **64.8216, 60.1896, 91.4215**, and if you desaturate by 10%, it is **84.1011, 88.7036, 95.9091**.

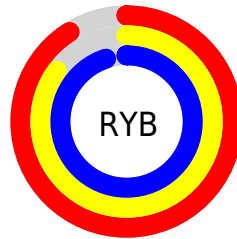
Distribution



Red (91%)

Green (85%)

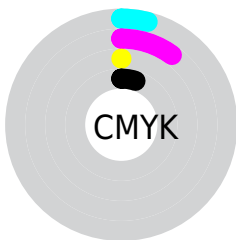
Blue (95%)



Red (91%)

Yellow (85%)

Blue (95%)

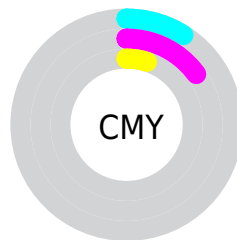


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9036, 73.4826, 93.5075 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 73.9036, 73.4826, 93.5075 by changing the saturation by 10% instead.

73.9036, 73.4826,
93.5075

73.9036, 73.4826,
93.5075

463.1960,
472.6857, 560.2376

55.0061, 54.3707,
70.3034

123.7554,
124.1621, 154.1788

39.6405, 38.8981,
51.2956

155.4404,
156.4984, 192.4831

27.4413, 26.6805,
36.0655

192.1187,
194.0117, 236.6579

18.0432, 17.3334,
24.1947

234.1555,
237.0863, 287.1216

11.0809, 10.4725,
15.2646

281.9164,
286.1066, 344.2929

6.1890, 5.7133,
8.8566

335.7665,

3.0021, 2.6716,

341.4570, 408.5904

4.5522

396.0713,
403.5219, 480.4324

■ 1.1549, 0.9628,
1.9329

■ 0.0703, 0.0000,
0.5136

■ 73.9036, 73.4826,
93.5075

■ 73.9036, 73.4826,
93.5075

■ 64.8216, 60.1896,
91.4215

■ 84.1011, 88.7036,
95.9091

■ 56.8061, 48.7352,
89.6330

■ 91.7682, 98.5591,
97.4073

■ 49.8137, 39.0371,
88.1296

■ 92.8774, 99.1310,
97.4592

■ 43.7954, 31.0026,
86.8960

■ 38.6978, 24.5304,
85.9154

■ 34.4615, 19.5078,
85.1693

■ 31.0192, 15.8062,
84.6362

■ 28.2916, 13.2733,
84.2911

■ 26.1544, 11.6667,
84.0936

Harmonies

Analogous

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



71.0655, 73.4826, 98.0050



73.9036, 73.4826, 93.5075



75.6844, 73.4826, 85.5134

Triad

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



73.9036, 73.4826, 93.5075



71.7391, 73.4826, 64.8064



64.1420, 73.4826, 83.5417

Complementary

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



73.9036, 73.4826, 93.5075



76.1077, 84.4684, 78.6260

Split Complementary

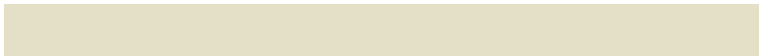
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.3102, 73.4826, 74.7480



73.9036, 73.4826, 93.5075



68.6346, 73.4826, 64.3648

Square

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



73.9036, 73.4826, 93.5075



74.4093, 73.4826, 69.1331



65.9339, 73.4826, 67.8783



65.4675, 73.4826, 91.9720

Rectangle

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



73.9036, 73.4826, 93.5075



76.0011, 73.4826, 79.4992



65.9339, 73.4826, 67.8783



64.0269, 73.4826, 80.5231

Sweetspot

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



73.9058, 73.4857, 93.5091



91.4446, 94.5903, 108.0459



72.6332, 76.9387, 94.2427



19.3709, 19.9441, 23.0786



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.



73.9058, 73.4857, 93.5091



82.3995, 81.1504, 105.9284



77.0550, 75.1290, 92.7627



15.7522, 15.6695, 19.9159



14.2914, 6.3729, 45.6047



1.3028, 0.5889, 3.7992

Inverse Universe

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



75.3532, 74.4483, 83.8007



84.2972, 82.4115, 93.2395



73.1774, 82.9403, 79.2772



16.0582, 15.8730, 17.8628



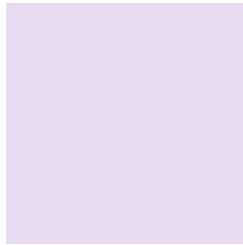
21.1134, 10.7178, 8.5136



1.8055, 0.9112, 0.9665

Previews

White Background



This preview shows how the XYZ color 73.9036, 73.4826, 93.5075 looks on a white background.

Color Contrast Check

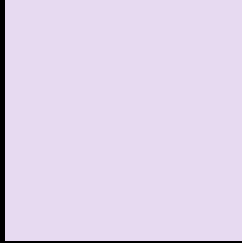
Large Text (above 18pt) WCAG AA × Fail

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 73.9036, 73.4826, 93.5075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

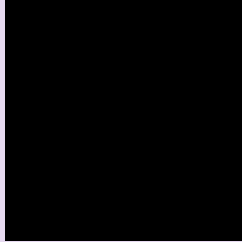
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

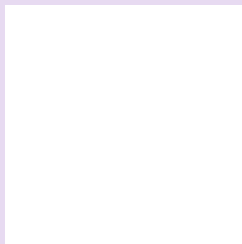
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9036, 73.4826, 93.5075

Background



This preview shows how black text looks on a background with the XYZ color 73.9036, 73.4826, 93.5075.



This preview shows how white text looks on a background with the XYZ color 73.9036, 73.4826,

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

73.9036, 73.4826, 93.5075

Protanopia

71.8529, 73.5561, 95.2047

Deuteranopia

75.0251, 73.2955, 93.4123



Tritanopia

73.1050, 73.5422, 89.6989

Trichromacy



Original Color

73.9036, 73.4826, 93.5075

Protanomaly

72.6715, 73.6048, 94.3813

Deuteranomaly

74.6217, 73.4690, 93.4670

Tritanomaly

73.3973, 73.6591, 91.2381

Monochromacy



Original Color

73.9036, 73.4826, 93.5075

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2236, 74.3430, 86.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9036, 73.4826, 93.5075 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(231, 218, 241) looks like.

```
.text, #text, p{  
    color:rgb(231, 218, 241)  
}
```

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(231, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 218, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.9036, 73.4826, 93.5075 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(231, 218, 241) }
```


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

```
.border{ border-color:rgb(231, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 218,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9036, 73.4826, 93.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 218, 241) }
```

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

```
.background{ background-color: rgb(231,  
218, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor