

Converting Colors

XYZ(74.2587, 73.9328, 84.5944)

Have a look what the booklet for
XYZ(74.2587, 73.9328, 84.5944)
contains.

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Color

**XYZ(74.1393, 73.8045,
84.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDAE5
RGB	237, 218, 229
RGB Percent	93%, 85%, 90%
CMY	0.0706, 0.1451, 0.1020
CMYK	0.00, 0.08, 0.03, 0.07
HSL	325°, 35%, 89%
HSV	325°, 8%, 93%
XYZ	74.1393, 73.8045, 84.4669
YIQ	224.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

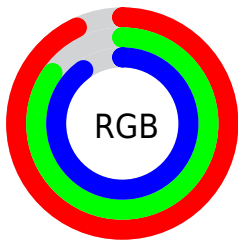
Format	Color
RYB	237, 218, 229
Decimal	15588069
CIELab	88.83, 8.41, -3.03
CIElCh	89, 8.939, 340.202
Yxy	73.8045, 0.3190, 0.3176
Android (android.graphics.Color)	4293778149 (0xFFEDDAE5)
YUV	224.9350, 2.0040, 10.5810
Hunter-Lab	85.9095, 3.7025, 1.8423

Details

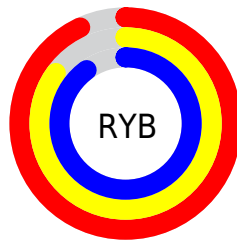
The XYZ color **74.1393, 73.8045, 84.4669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9279, 80.9667, 83.7398**, and the grayscale version is **71.5053, 75.2291, 81.9245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7932, 39.0741, 45.4891** is the 20% darker color. If you saturate the color by 10%, you get **67.0742, 61.8400, 75.4331**, and if you desaturate by 10%, it is **82.1675, 87.5650, 94.2188**.

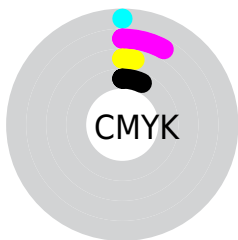
Distribution



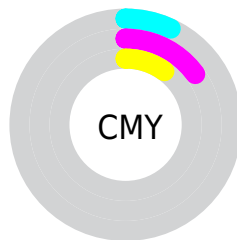
- Red (93%)
- Green (85%)
- Blue (90%)



- Red (93%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1393, 73.8045, 84.4669 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 74.1393, 73.8045, 84.4669 by changing the saturation by 10% instead.

74.1393, 73.8045,
84.4669

74.1393, 73.8045,
84.4669

463.9969,
473.7984, 529.9609

55.1997, 54.6340,
62.8534

124.0877,
124.6186, 141.4957

39.7961, 39.1088,
45.2824

155.8272,
157.0311, 177.7480

27.5631, 26.8444,
31.3353

192.5642,
194.6264, 219.7169

18.1354, 17.4564,
20.5937

234.6638,
237.7888, 267.8211

11.1475, 10.5604,
12.6390

282.4916,
286.9028, 322.4791

6.2342, 5.7721,
7.0526

336.4128,

3.0300, 2.7070,

342.3528, 384.1094

3.4161

396.7927,
404.5232, 453.1304

■ 1.1696, 0.9807,
1.3108

■ 0.0822, 0.0000,
0.0706

■ 74.1393, 73.8045,
84.4669

■ 74.1393, 73.8045,
84.4669

■ 67.0742, 61.8400,
75.4331

■ 82.1675, 87.5650,
94.2188

■ 60.9275, 51.5871,
67.0934

■ 87.7787, 96.3620,
103.5660

■ 55.6601, 42.9690,
59.4287

■ 88.7355, 96.7447,
108.6045

■ 51.2276, 35.8991,
52.4175

■ 47.5818, 30.2830,
46.0364

■ 44.6688, 26.0157,
40.2603

■ 42.4278, 22.9780,
35.0612

■ 40.7875, 21.0294,
30.4075

■ 39.6494, 19.9760,
26.2583

Harmonies

Analogous

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



72.8706, 73.8045, 89.8151



74.1393, 73.8045, 84.4669



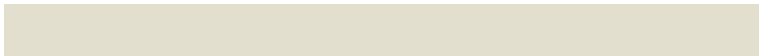
74.3265, 73.8045, 78.2673

Triad

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



74.1393, 73.8045, 84.4669



69.4142, 73.8045, 69.1882



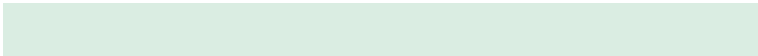
67.0171, 73.8045, 88.3047

Complementary

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



74.1393, 73.8045, 84.4669



72.9279, 80.9667, 83.7398

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.



66.1310, 73.8045, 82.4908



74.1393, 73.8045, 84.4669



67.4960, 73.8045, 71.5939

Square

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



74.1393, 73.8045, 84.4669



71.5685, 73.8045, 69.6565



66.3044, 73.8045, 76.3895



68.7483, 73.8045, 92.1086

Rectangle

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



74.1393, 73.8045, 84.4669



73.8088, 73.8045, 74.5109



66.3044, 73.8045, 76.3895



66.6122, 73.8045, 86.5087

Sweetspot

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



74.1414, 73.8077, 84.4685



93.1006, 96.6515, 106.5538



71.6982, 72.4161, 90.3205



19.9478, 20.7225, 22.8316



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.



74.1414, 73.8077, 84.4685



85.7667, 84.1232, 97.5129



72.8622, 73.2960, 77.7321



15.4311, 15.2003, 17.5552



21.6075, 10.8457, 14.2662



1.7446, 0.8708, 1.3723

Inverse Universe

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



74.1414, 73.8077, 84.4685



85.7667, 84.1232, 97.5129



74.2556, 81.4978, 90.7314



15.4311, 15.2003, 17.5552



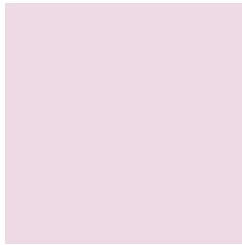
21.6075, 10.8457, 14.2662



1.7446, 0.8708, 1.3723

Previews

White Background



This preview shows how the XYZ color 74.1393, 73.8045, 84.4669 looks on a white background.

Color Contrast Check

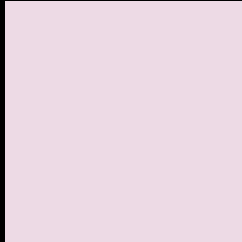
Large Text (above 18pt) WCAG AA × Fail

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 74.1393, 73.8045, 84.4669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

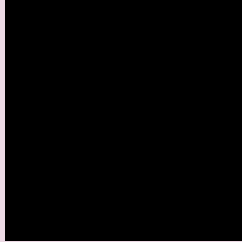
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1393, 73.8045, 84.4669

Background



This preview shows how black text looks on a background with the XYZ color 74.1393, 73.8045, 84.4669.

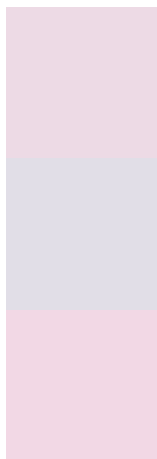


This preview shows how white text looks on a background with the XYZ color 74.1393, 73.8045,

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

74.1393, 73.8045, 84.4669

Protanopia

71.5964, 74.0196, 86.1150

Deuteranopia

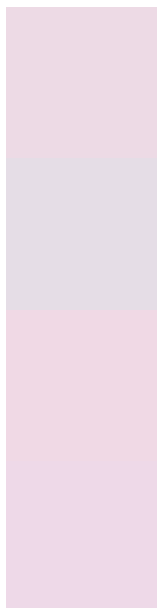
75.3167, 73.6461, 84.3742



Tritanopia

74.9240, 73.7434, 88.1269

Trichromacy



Original Color

74.1393, 73.8045, 84.4669

Protanomaly

72.4525, 74.0841, 85.3439

Deuteranomaly

74.8909, 73.8081, 84.4280

Tritanomaly

74.6382, 73.6290, 86.6219

Monochromacy



Original Color

74.1393, 73.8045, 84.4669

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1618, 74.3916, 82.5072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1393, 73.8045, 84.4669 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(237, 218, 229) looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 229)  
}
```

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(237, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.1393, 73.8045, 84.4669 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(237, 218, 229) }
```


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

```
.border{ border-color:rgb(237, 218, 229) }
```

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

Here you see how a box with a 4 pixel rgb(237, 218, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1393, 73.8045, 84.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 229) }
```

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

```
.background{ background-color: rgb(237,  
218, 229) }
```

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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