

Converting Colors

XYZ(72.8873, 73.0450, 84.6592)

Have a look what the booklet for
XYZ(72.8873, 73.0450, 84.6592)
contains.

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Color

**XYZ(72.8185, 73.1236,
84.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DAE5
RGB	233, 218, 229
RGB Percent	91%, 85%, 90%
CMY	0.0863, 0.1451, 0.1020
CMYK	0.00, 0.06, 0.02, 0.09
HSL	316°, 25%, 88%
HSV	316°, 6%, 91%
XYZ	72.8185, 73.1236, 84.4051
YIQ	223.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

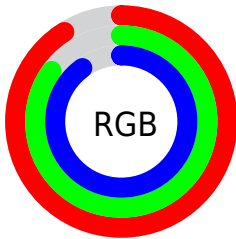
Format	Color
R_{YB}	233, 218, 229
Decimal	15325925
CIE _{Lab}	88.51, 7.05, -3.54
CIE _{LCh}	89, 7.893, 333.350
Yxy	73.1236, 0.3161, 0.3174
Android (android.graphics.Color)	4293516005 (0xFFE9DAE5)
YUV	223.7390, 2.5937, 8.1219
Hunter-Lab	85.5123, 2.3561, 1.3363

Details

The XYZ color **72.8185, 73.1236, 84.4051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2399, 78.4590, 80.5003**, and the grayscale version is **70.6464, 74.3255, 80.9405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8686, 38.5975, 45.4459** is the 20% darker color. If you saturate the color by 10%, you get **66.3444, 61.5384, 78.0428**, and if you desaturate by 10%, it is **80.1772, 86.4262, 91.2173**.

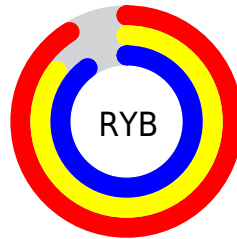
Distribution



Red (91%)

Green (85%)

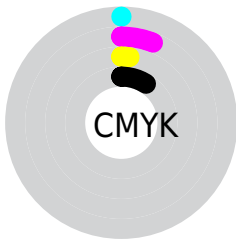
Blue (90%)



Red (91%)

Yellow (85%)

Blue (90%)

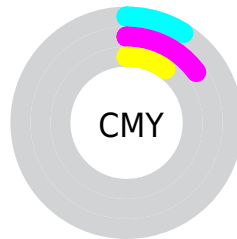


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8185, 73.1236, 84.4051 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 72.8185, 73.1236, 84.4051 by changing the saturation by 10% instead.

72.8185, 73.1236,
84.4051

72.8185, 73.1236,
84.4051

459.4991,
471.4431, 529.7507

54.1154, 54.0770,
62.8026

122.2240,
123.6527, 141.4085

38.9250, 38.6633,
45.2416

153.6572,
155.9039, 177.6465

26.8818, 26.4979,
31.3034

190.0644,
193.3256, 219.6001

17.6206, 17.1965,
20.5696

231.8111,
236.3020, 267.6878

10.7760, 10.3747,
12.6216

279.2625,
285.2176, 322.3281

5.9826, 5.6481,
7.0408

332.7841,

2.8751, 2.6323,

340.4567, 383.9397

3.4088

392.7411,
402.4037, 452.9410

■ 1.0880, 0.9429,
1.3070

■ 0.0151, 0.0000,
0.0675

■ 72.8185, 73.1236,
84.4051

■ 72.8185, 73.1236,
84.4051

■ 66.3444, 61.5384,
78.0428

■ 80.1772, 86.4262,
91.2173

■ 60.7131, 51.5905,
72.1123

■ 85.3063, 95.2205,
97.4403

■ 55.8885, 43.2076,
66.6007

■ 86.2530, 95.5992,
102.4255

■ 51.8299, 36.3083,
61.4930

■ 87.2317, 95.9907,
107.5792

■ 48.4923, 30.8035,
56.7724

■ 87.4147, 96.0638,
108.5427

■ 45.8263, 26.5948,
52.4208

■ 43.7760, 23.5711,
48.4178

■ 42.2760, 21.6019,
44.7399

■ 41.2443, 20.5239,
41.3579

Harmonies

Analogous

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



71.5297, 73.1236, 88.6830



72.8185, 73.1236, 84.4051



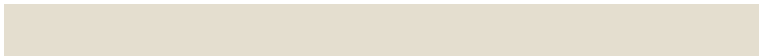
73.2131, 73.1236, 79.0093

Triad

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



72.8185, 73.1236, 84.4051



69.2885, 73.1236, 69.6240



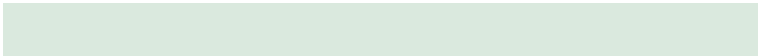
66.4944, 73.1236, 85.5110

Complementary

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



72.8185, 73.1236, 84.4051



71.2399, 78.4590, 80.5003

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.



65.9180, 73.1236, 80.2322



72.8185, 73.1236, 84.4051



67.5126, 73.1236, 71.1949

Square

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



72.8185, 73.1236, 84.4051



71.1534, 73.1236, 70.6289



66.2873, 73.1236, 75.0177



67.8759, 73.1236, 89.3417

Rectangle

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



72.8185, 73.1236, 84.4051



72.9103, 73.1236, 75.5437



66.2873, 73.1236, 75.0177



66.2012, 73.1236, 83.8387

Sweetspot

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



72.8206, 73.1268, 84.4067



93.2263, 96.7018, 107.2155



69.9066, 71.5592, 87.2196



19.9734, 20.7327, 22.9663



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.



72.8206, 73.1268, 84.4067



88.0201, 87.3223, 102.2959



71.7960, 72.7169, 79.0113



15.5334, 15.2412, 18.0939



23.2848, 11.5166, 23.0990



1.8679, 0.9201, 2.0219

Inverse Universe

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



72.8206, 73.1268, 84.4067



88.0201, 87.3223, 102.2959



72.2675, 78.8701, 85.9115



15.5334, 15.2412, 18.0939



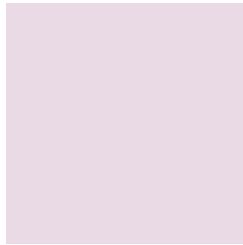
23.2848, 11.5166, 23.0990



1.8679, 0.9201, 2.0219

Previews

White Background



This preview shows how the XYZ color 72.8185, 73.1236, 84.4051 looks on a white background.

Color Contrast Check

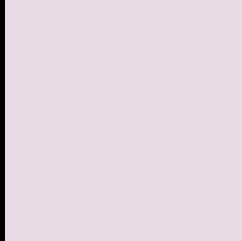
Large Text (above 18pt) WCAG AA × Fail

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 72.8185, 73.1236, 84.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

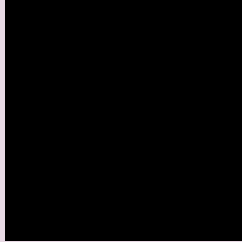
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

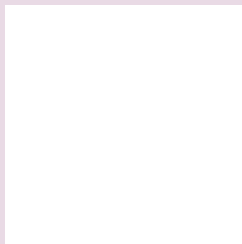
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8185, 73.1236, 84.4051

Background



This preview shows how black text looks on a background with the XYZ color 72.8185, 73.1236, 84.4051.

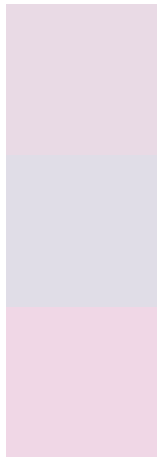


This preview shows how white text looks on a background with the XYZ color 72.8185, 73.1236,

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

72.8185, 73.1236, 84.4051

Protanopia

71.0207, 73.3297, 86.0122

Deuteranopia

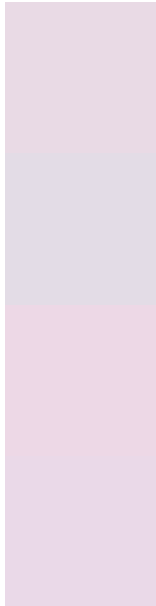
74.5185, 72.8393, 84.9948



Tritanopia

73.5958, 73.0586, 88.0647

Trichromacy



Original Color

72.8185, 73.1236, 84.4051

Protanomaly

71.5547, 73.2305, 85.2265

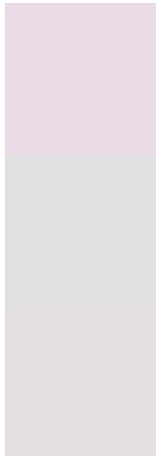
Deuteranomaly

73.7638, 72.8294, 85.0326

Tritanomaly

73.3100, 72.9443, 86.5597

Monochromacy



Original Color

72.8185, 73.1236, 84.4051

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5273, 74.0644, 82.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8185, 73.1236, 84.4051 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(233, 218, 229) looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 218, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.8185, 73.1236, 84.4051 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(233, 218, 229) }
```


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

```
.border{ border-color:rgb(233, 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(233, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 218, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 218, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 218,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8185, 73.1236, 84.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 218, 229) }
```

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

```
.background{ background-color: rgb(233,  
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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