

Converting Colors

XYZ(73.5821, 72.5119, 84.2491)

Have a look what the booklet for
XYZ(73.5821, 72.5119, 84.2491)
contains.

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Color

**XYZ(73.3683, 72.2625,
84.2099)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD7E5
RGB	237, 215, 229
RGB Percent	93%, 84%, 90%
CMY	0.0706, 0.1568, 0.1020
CMYK	0.00, 0.09, 0.03, 0.07
HSL	322°, 38%, 89%
HSV	322°, 9%, 93%
XYZ	73.3683, 72.2625, 84.2099
YIQ	223.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

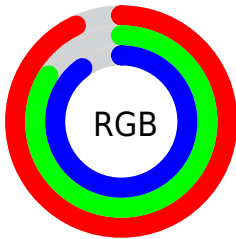
Format	Color
R_{YB}	237, 215, 229
Decimal	15587301
CIE _{Lab}	88.09, 9.98, -4.11
CIE _{LCh}	88, 10.791, 337.620
Yxy	72.2625, 0.3192, 0.3144
Android (android.graphics.Color)	4293777381 (0xFFEDD7E5)
YUV	223.1740, 2.8722, 12.1254
Hunter-Lab	85.0074, 5.2972, 0.7713

Details

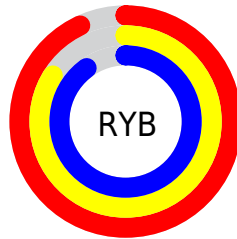
The XYZ color **73.3683, 72.2625, 84.2099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6305, 80.3450, 81.5486**, and the grayscale version is **70.2405, 73.8985, 80.4755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2668, 38.0214, 45.3137** is the 20% darker color. If you saturate the color by 10%, you get **66.5919, 60.5872, 76.1603**, and if you desaturate by 10%, it is **81.0829, 85.7163, 92.8688**.

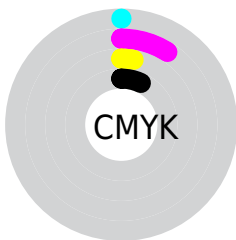
Distribution



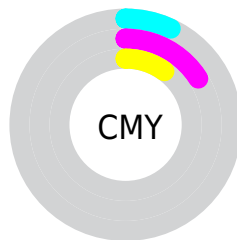
- Red (93%)
- Green (84%)
- Blue (90%)



- Red (93%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3683, 72.2625, 84.2099 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 73.3683, 72.2625, 84.2099 by changing the saturation by 10% instead.

 73.3683, 72.2625,
84.2099

 73.3683, 72.2625,
84.2099


461.3743,
468.4548, 529.0863

 54.5666, 53.3731,
62.6424


123.0002,
122.4297, 141.1331

 39.2873, 38.1007,
45.1128


154.5612,
154.4763, 177.3258

 27.1650, 26.0609,
31.2027


191.1060,
191.6774, 219.2307

 17.8344, 16.8692,
20.4935

232.9999,
234.4174, 267.2663

 10.9302, 10.1413,
12.5666

280.6083,
283.0808, 321.8511

 6.0868, 5.4927,
7.0036

334.2967,

 2.9391, 2.5392,

338.0519, 383.4037

3.3859

394.4302,
399.7151, 452.3425

■ 1.1216, 0.8962,
1.2949

■ 0.0431, 0.0000,
0.0576

■ 73.3683, 72.2625,
84.2099

■ 73.3683, 72.2625,
84.2099

■ 66.5919, 60.5872,
76.1603

■ 81.0829, 85.7163,
92.8688

■ 60.7090, 50.6059,
68.6984

■ 87.3570, 96.1934,
101.3456

■ 55.6809, 42.2411,
61.8077

■ 88.7130, 96.7358,
108.4862

■ 51.4631, 35.4056,
55.4690

■ 88.7355, 96.7447,
108.6045

■ 48.0072, 30.0040,
49.6616

■ 45.2593, 25.9299,
44.3629

■ 43.1581, 23.0621,
39.5477

■ 41.6309, 21.2570,
35.1869

■ 40.5644, 20.2899,
31.2377

Harmonies

Analogous

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



71.7530, 72.2625, 90.4668



73.3683, 72.2625, 84.2099



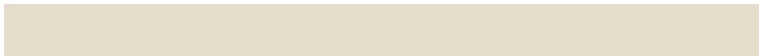
73.7131, 72.2625, 76.8146

Triad

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



73.3683, 72.2625, 84.2099



68.0283, 72.2625, 65.4362



64.8325, 72.2625, 87.6668

Complementary

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



73.3683, 72.2625, 84.2099



71.6305, 80.3450, 81.5486

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.



63.8877, 72.2625, 80.5786



73.3683, 72.2625, 84.2099



65.7025, 72.2625, 67.9670

Square

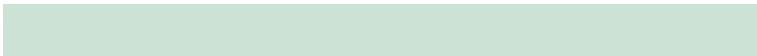
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3683, 72.2625, 84.2099



70.5875, 72.2625, 66.2743



64.2022, 72.2625, 73.4007



66.8138, 72.2625, 92.5481

Rectangle

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



73.3683, 72.2625, 84.2099



73.1684, 72.2625, 72.2836



64.2022, 72.2625, 73.4007



64.3854, 72.2625, 85.4464

Sweetspot

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



73.3704, 72.2656, 84.2115



92.2131, 95.0379, 105.7605



69.9284, 70.3592, 90.0168



19.5788, 20.0652, 22.4599



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.



73.3704, 72.2656, 84.2115



85.1461, 82.7511, 97.7097



71.9221, 71.6864, 76.5852



15.4689, 15.2154, 17.7543



22.1740, 11.0723, 17.2494



1.7871, 0.8878, 1.5962

Inverse Universe

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



73.3704, 72.2656, 84.2115



85.1461, 82.7511, 97.7097



73.1190, 80.9404, 89.3868



15.4689, 15.2154, 17.7543



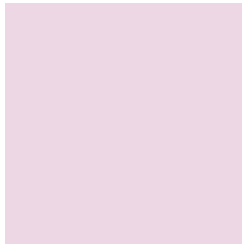
22.1740, 11.0723, 17.2494



1.7871, 0.8878, 1.5962

Previews

White Background



This preview shows how the XYZ color 73.3683, 72.2625, 84.2099 looks on a white background.

Color Contrast Check

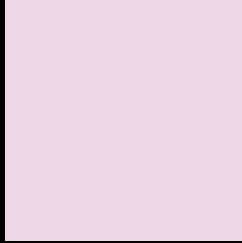
Large Text (above 18pt) WCAG AA × Fail

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 73.3683, 72.2625, 84.2099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

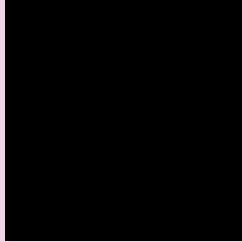
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3683, 72.2625, 84.2099

Background



This preview shows how black text looks on a background with the XYZ color 73.3683, 72.2625, 84.2099.

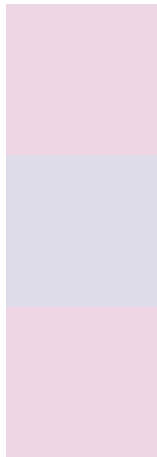


This preview shows how white text looks on a background with the XYZ color 73.3683, 72.2625,

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

73.3683, 72.2625, 84.2099

Protanopia

70.2829, 72.5422, 86.6417

Deuteranopia

73.7860, 72.1010, 84.1567



Tritanopia

73.6493, 72.3749, 85.6893

Trichromacy



Original Color

73.3683, 72.2625, 84.2099

Protanomaly

71.1738, 72.2432, 85.7944

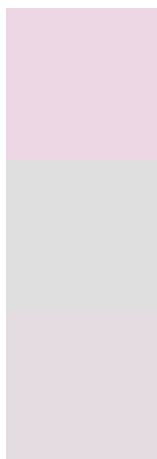
Deuteranomaly

73.4493, 71.9274, 84.1409

Tritanomaly

73.5084, 72.3186, 84.9475

Monochromacy



Original Color

73.3683, 72.2625, 84.2099

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1787, 73.1166, 81.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3683, 72.2625, 84.2099 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, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 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, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.3683, 72.2625, 84.2099 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, 215, 229) }
```


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

```
.border{ border-color:rgb(237, 215, 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, 215, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3683, 72.2625, 84.2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 229) }
```

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

```
.background{ background-color: rgb(237,  
215, 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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