

Converting Colors

XYZ(70.5505, 71.3889, 84.2874)

Have a look what the booklet for
XYZ(70.5505, 71.3889, 84.2874)
contains.

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Color

**XYZ(70.6343, 71.6137,
84.2288)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D9E5
RGB	227, 217, 229
RGB Percent	89%, 85%, 90%
CMY	0.1098, 0.1490, 0.1020
CMYK	0.01, 0.05, 0.00, 0.10
HSL	290°, 19%, 87%
HSV	290°, 5%, 90%
XYZ	70.6343, 71.6137, 84.2288
YIQ	221.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

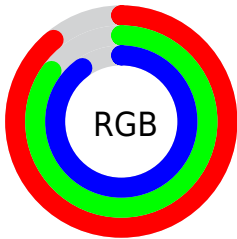
Format	Color
R _Y B	227, 217, 229
Decimal	14932453
CIE Lab	87.78, 5.56, -4.66
CIE LCh	88, 7.252, 320.004
Yxy	71.6137, 0.3119, 0.3162
Android (android.graphics.Color)	4293122533 (0xFFE3D9E5)
YUV	221.3580, 3.7675, 4.9480
Hunter-Lab	84.6249, 0.8960, 0.2249

Details

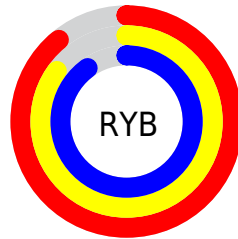
The XYZ color **70.6343, 71.6137, 84.2288** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7597, 76.1103, 76.6632**, and the grayscale version is **68.9538, 72.5448, 79.0013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5736, 37.6673, 45.3346** is the 20% darker color. If you saturate the color by 10%, you get **63.9465, 60.0048, 82.3416**, and if you desaturate by 10%, it is **78.1720, 84.8805, 86.3934**.

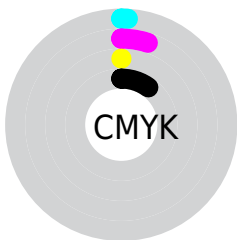
Distribution



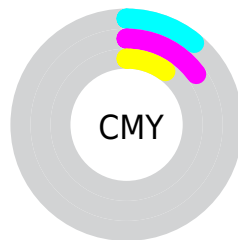
- Red (89%)
- Green (85%)
- Blue (90%)



- Red (89%)
- Yellow (85%)
- Blue (90%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6343, 71.6137, 84.2288 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 70.6343, 71.6137, 84.2288 by changing the saturation by 10% instead.

70.6343, 71.6137,
84.2288

70.6343, 71.6137,
84.2288

452.0058,
466.1959, 529.1506

52.3253, 52.8432,
62.6579

119.1342,
121.5072, 141.1598

37.4897, 37.6776,
45.1253

150.0558,
153.3989, 177.3569

25.7623, 25.7326,
31.2124

185.9123,
190.4331, 219.2665

16.7776, 16.6237,
20.5008

227.0691,
232.9943, 267.3071

10.1704, 9.9665,
12.5720

273.8914,
281.4667, 321.8973

5.5752, 5.3768,
7.0072

326.7448,

2.6267, 2.4700,

336.2349, 383.4556

3.3881

385.9944,
397.6832, 452.4005

■ 0.9596, 0.8616,
1.2961

■ 0.0000, 0.0000,
0.0586

■ 70.6343, 71.6137,
84.2288

■ 70.6343, 71.6137,
84.2288

■ 63.9465, 60.0048,
82.3416

■ 78.1720, 84.8805,
86.3934

■ 58.0686, 49.9775,
80.7160

■ 84.0442, 94.7776,
87.9942

■ 52.9668, 41.4631,
79.3414

■ 85.3156, 95.4331,
88.0537

■ 48.6022, 34.3843,
78.2051

■ 86.6143, 96.1026,
88.1145

■ 44.9325, 28.6569,
77.2930

■ 87.9404, 96.7862,
88.1765

■ 41.9113, 24.1878,
76.5896

■ 89.2939, 97.4840,
88.2399

■ 39.4858, 20.8722,
76.0775

■ 90.6752, 98.1960,
88.3045

■ 37.5949, 18.5879,
75.7362

■ 91.1431, 98.4372,
88.3264

■ 36.1635, 17.1852,
75.5409

Harmonies

Analogous

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



69.2054, 71.6137, 87.2273



70.6343, 71.6137, 84.2288



71.3791, 71.6137, 79.6325

Triad

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



70.6343, 71.6137, 84.2288



68.6429, 71.6137, 69.0062



65.0032, 71.6137, 81.2634

Complementary

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



70.6343, 71.6137, 84.2288



69.7597, 76.1103, 76.6632

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.



64.8584, 71.6137, 76.3410



70.6343, 71.6137, 84.2288



66.9405, 71.6137, 69.4015

Square

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



70.6343, 71.6137, 84.2288



70.2166, 71.6137, 70.9354



65.5620, 71.6137, 72.0390



65.9611, 71.6137, 85.4659

Rectangle

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



70.6343, 71.6137, 84.2288



71.3790, 71.6137, 76.3398



65.5620, 71.6137, 72.0390



64.8584, 71.6137, 79.6336

Sweetspot

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



70.6364, 71.6168, 84.2304



93.1324, 96.6282, 108.3502



68.1448, 71.1795, 84.2773



19.9543, 20.7177, 23.1972



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.



70.6364, 71.6168, 84.2304



89.4297, 90.1432, 107.2937



70.7461, 71.7340, 81.4965



15.1715, 15.2267, 18.2837



20.4340, 9.6000, 43.1592



1.5729, 0.7418, 3.1923

Inverse Universe

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



69.9146, 71.4014, 77.1182



88.3765, 89.8296, 96.8827



69.6616, 76.0020, 79.2681



14.9755, 15.1684, 16.3416



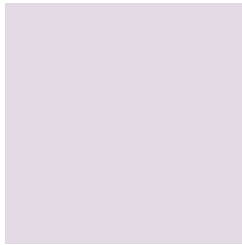
18.7063, 9.6167, 2.0823



1.4118, 0.7224, 0.3092

Previews

White Background



This preview shows how the XYZ color 70.6343, 71.6137, 84.2288 looks on a white background.

Color Contrast Check

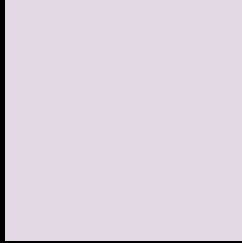
Large Text (above 18pt) WCAG AA × Fail

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 70.6343, 71.6137, 84.2288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

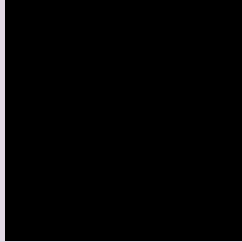
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

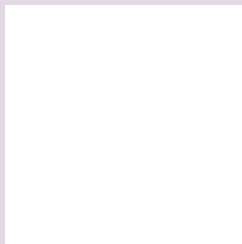
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6343, 71.6137, 84.2288

Background



This preview shows how black text looks on a background with the XYZ color 70.6343, 71.6137, 84.2288.

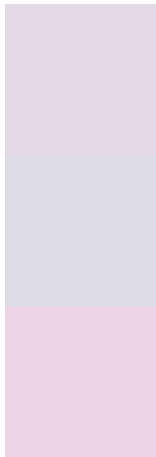


This preview shows how white text looks on a background with the XYZ color 70.6343, 71.6137,

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

70.6343, 71.6137, 84.2288

Protanopia

69.4332, 71.7484, 85.0522

Deuteranopia

73.0022, 71.3062, 84.7788



Tritanopia

71.2588, 71.4889, 87.1338

Trichromacy



Original Color

70.6343, 71.6137, 84.2288

Protanomaly

69.7858, 71.5440, 84.9942

Deuteranomaly

71.9338, 71.1299, 84.8010

Tritanomaly

71.1163, 71.4319, 86.3834

Monochromacy



Original Color

70.6343, 71.6137, 84.2288

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4792, 72.2562, 80.8059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6343, 71.6137, 84.2288 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(227, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 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(227, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 229) }
```

Border

The CSS property to change the border of an element to XYZ 70.6343, 71.6137, 84.2288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

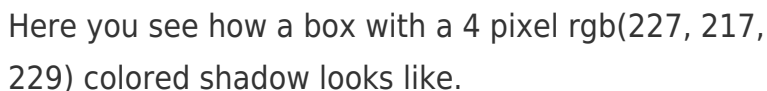
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 217, 229) }
```


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

```
.border{ border-color:rgb(227, 217, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 217, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 217, 229); box-shadow:4px 4px 4px 4px rgb(227, 217, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6343, 71.6137, 84.2288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 229) }
```

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

```
.background{ background-color: rgb(227,  
217, 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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