

Converting Colors

XYZ(70.9223, 69.8454, 85.3448)

Have a look what the booklet for
XYZ(70.9223, 69.8454, 85.3448)
contains.

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Color

**XYZ(70.9223, 69.8454,
85.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D4E7
RGB	231, 212, 231
RGB Percent	91%, 83%, 91%
CMY	0.0941, 0.1686, 0.0941
CMYK	0.00, 0.08, 0.00, 0.09
HSL	300°, 28%, 87%
HSV	300°, 8%, 91%
XYZ	70.9223, 69.8454, 85.3448
YIQ	219.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

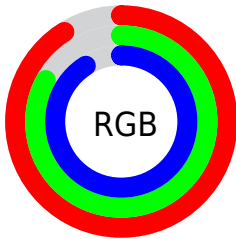
Format	Color
R_{YB}	231, 212, 231
Decimal	15193319
CIE Lab	86.92, 9.88, -6.95
CIE LCh	87, 12.084, 324.870
Yxy	69.8454, 0.3137, 0.3089
Android (android.graphics.Color)	4293383399 (0xFFE7D4E7)
YUV	219.8470, 5.4984, 9.7812
Hunter-Lab	83.5736, 5.2252, -2.0451

Details

The XYZ color **70.9223, 69.8454, 85.3448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6136, 75.9043, 73.3784**, and the grayscale version is **67.8829, 71.4181, 77.7743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4740, 36.3230, 45.5934** is the 20% darker color. If you saturate the color by 10%, you get **65.5567, 59.1132, 83.5569**, and if you desaturate by 10%, it is **77.1181, 82.2359, 87.4111**.

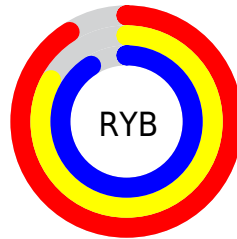
Distribution



Red (91%)

Green (83%)

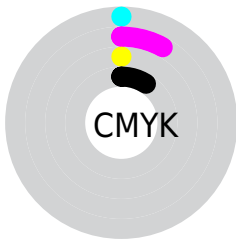
Blue (91%)



Red (91%)

Yellow (83%)

Blue (91%)

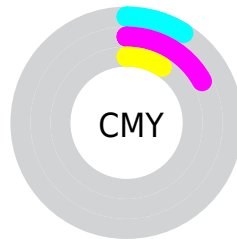


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9223, 69.8454, 85.3448 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 70.9223, 69.8454, 85.3448 by changing the saturation by 10% instead.

70.9223, 69.8454,
85.3448

70.9223, 69.8454,
85.3448

452.9978,
460.0070, 532.9426

52.5611, 51.4005,
63.5745

119.5422,
118.9883, 142.7333

37.6786, 36.5275,
45.8622

150.5316,
150.4550, 179.1885

25.9094, 24.8418,
31.7892

186.4611,
187.0312, 221.3759

16.8882, 15.9593,
20.9370

227.6961,
229.1012, 269.7138

10.2496, 9.4953,
12.8872

274.6019,
277.0493, 324.6209

5.6283, 5.0656,
7.2211

327.5439,

2.6589, 2.2858,

331.2601, 386.5157

3.5202

386.8874,
392.1178, 455.8168

■ 0.9761, 0.7662,
1.3660

■ 0.0000, 0.0000,
0.1150

■ 70.9223, 69.8454,
85.3448

■ 70.9223, 69.8454,
85.3448

■ 65.5567, 59.1132,
83.5569

■ 77.1181, 82.2359,
87.4111

■ 60.9802, 49.9603,
82.0312

■ 83.1396, 94.2788,
89.4184

■ 57.1576, 42.3152,
80.7568

■ 83.1396, 94.2788,
89.4187

■ 54.0484, 36.0968,
79.7202

■ 83.1397, 94.2789,
89.4189

51.6084, 31.2168,
78.9067

83.1397, 94.2789,
89.4191

49.7885, 27.5771,
78.2999

83.1398, 94.2789,
89.4193

48.5329, 25.0660,
77.8812

83.1398, 94.2789,
89.4195

47.7758, 23.5519,
77.6286

83.1398, 94.2789,
89.4197

47.4237, 22.8477,
77.5111

83.1399, 94.2789,
89.4199

Harmonies

Analogous

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



68.6937, 69.8454, 91.0342



70.9223, 69.8454, 85.3448



71.9370, 69.8454, 77.4473

Triad

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



70.9223, 69.8454, 85.3448



66.8722, 69.8454, 61.6013



61.5848, 69.8454, 82.7728

Complementary

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



70.9223, 69.8454, 85.3448



67.6136, 75.9043, 73.3784

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.



61.1280, 69.8454, 74.6691



70.9223, 69.8454, 85.3448



64.1305, 69.8454, 62.8070

Square

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



70.9223, 69.8454, 85.3448



69.5568, 69.8454, 64.0377



62.0473, 69.8454, 67.4554



63.3130, 69.8454, 89.4772

Rectangle

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



70.9223, 69.8454, 85.3448



71.7684, 69.8454, 72.1319



62.0473, 69.8454, 67.4554



61.2796, 69.8454, 80.1070

Sweetspot

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



70.9243, 69.8484, 85.3463



93.4445, 96.7891, 108.3648



65.1218, 66.8571, 85.0749



20.0178, 20.7505, 23.2001



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.



70.9243, 69.8484, 85.3463



87.4478, 84.7957, 106.3657



69.6187, 69.3262, 78.4708



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4448



1.9628, 0.9428, 3.2104

Inverse Universe

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



70.9243, 69.8484, 85.3463



87.4478, 84.7957, 106.3657



68.8476, 76.3979, 79.8764



14.9952, 14.6153, 18.1750



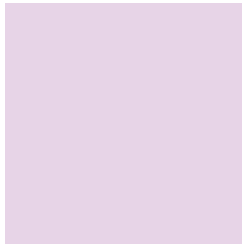
26.5610, 12.7586, 43.4448



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 70.9223, 69.8454, 85.3448 looks on a white background.

Color Contrast Check

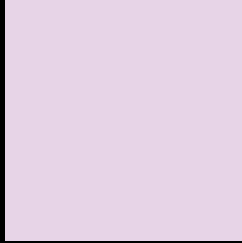
Large Text (above 18pt) WCAG AA × Fail

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 70.9223, 69.8454, 85.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

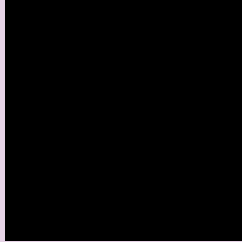
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9223, 69.8454, 85.3448

Background



This preview shows how black text looks on a background with the XYZ color 70.9223, 69.8454, 85.3448.



This preview shows how white text looks on a background with the XYZ color 70.9223, 69.8454,

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

70.9223, 69.8454, 85.3448

Protanopia

68.0224, 69.8040, 87.7302

Deuteranopia

71.3223, 69.6817, 85.2921



Tritanopia

70.6413, 69.7330, 83.8654

Trichromacy



Original Color

70.9223, 69.8454, 85.3448

Protanomaly

69.1326, 70.0137, 86.9611

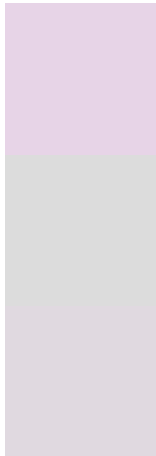
Deuteranomaly

70.9968, 69.5139, 85.2769

Tritanomaly

70.7814, 69.7891, 84.6030

Monochromacy



Original Color

70.9223, 69.8454, 85.3448

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0079, 70.8548, 80.5603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9223, 69.8454, 85.3448 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, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 231)  
}
```

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, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 231) }
```

Border

The CSS property to change the border of an element to XYZ 70.9223, 69.8454, 85.3448 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, 212, 231) }
```


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

```
.border{ border-color:rgb(231, 212, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9223, 69.8454, 85.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 231) }
```

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

```
.background{ background-color: rgb(231,  
212, 231) }
```

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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