

Converting Colors

XYZ(70.9400, 69.2867, 77.5914)

Have a look what the booklet for
XYZ(70.9400, 69.2867, 77.5914)
contains.

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Color

**XYZ(70.8899, 69.2650,
77.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD2DC
RGB	237, 210, 220
RGB Percent	93%, 82%, 86%
CMY	0.0706, 0.1764, 0.1372
CMYK	0.00, 0.11, 0.07, 0.07
HSL	338°, 43%, 88%
HSV	338°, 11%, 93%
XYZ	70.8899, 69.2650, 77.3433
YIQ	219.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

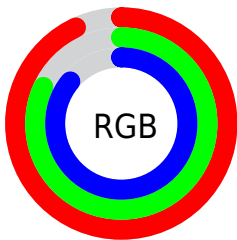
Format	Color
R _Y B	237, 210, 220
Decimal	15586012
CIE Lab	86.64, 11.05, -1.49
CIE LCh	87, 11.147, 352.301
Yxy	69.2650, 0.3259, 0.3185
Android (android.graphics.Color)	4293776092 (0xFFEDD2DC)
YUV	219.2130, 0.3880, 15.5992
Hunter-Lab	83.2256, 6.3979, 3.1585

Details

The XYZ color **70.8899, 69.2650, 77.3433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7303, 79.8179, 84.3554**, and the grayscale version is **67.4725, 70.9864, 77.3041**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7361, 36.3173, 40.6183** is the 20% darker color. If you saturate the color by 10%, you get **63.5775, 57.6629, 65.5854**, and if you desaturate by 10%, it is **79.2492, 82.6768, 90.3225**.

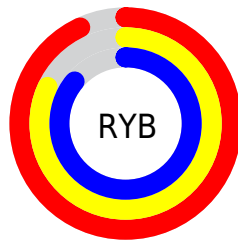
Distribution



Red (93%)

Green (82%)

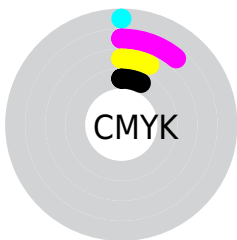
Blue (86%)



Red (93%)

Yellow (82%)

Blue (86%)

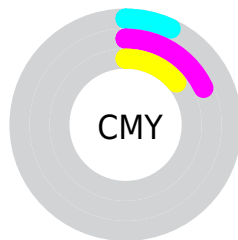


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8899, 69.2650, 77.3433 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 70.8899, 69.2650, 77.3433 by changing the saturation by 10% instead.


 70.8899, 69.2650,
77.3433

 70.8899, 69.2650,
77.3433


452.8863,
457.9651, 505.4024

 52.5346, 50.9276,
57.0214


119.4963,
118.1600, 131.4014

 37.6573, 36.1510,
40.6130


150.4781,
149.4863, 165.9747

 25.8928, 24.5508,
27.6994


186.3994,
185.9111, 206.1356

 16.8758, 15.7427,
17.8621

227.6256,
227.8187, 252.3026

 10.2407, 9.3423,
10.6826

274.5220,
275.5935, 304.8942

 5.6223, 4.9651,
5.7424

327.4540,

 2.6553, 2.2268,

329.6199, 364.3291

2.6228

386.7870,
390.2823, 431.0256

■ 0.9742, 0.7345,
0.9042

■ 0.0000, 0.0000,
0.0000

■ 70.8899, 69.2650,
77.3433

■ 70.8899, 69.2650,
77.3433

■ 63.5775, 57.6629,
65.5854

■ 79.2492, 82.6768,
90.3225

■ 57.2636, 47.7835,
55.0076

■ 87.9173, 96.4175,
104.2963

■ 51.9046, 39.5466,
45.5724

■ 88.7354, 96.7447,
108.6045

■ 47.4513, 32.8617,
37.2390

■ 43.8499, 27.6296,
29.9633

■ 41.0406, 23.7393,
23.6984

■ 38.9551, 21.0639,
18.3925

■ 37.5125, 19.4513,
13.9881

■ 36.6768, 18.7053,
10.8570

Harmonies

Analogous

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



69.8507, 69.2650, 84.4730



70.8899, 69.2650, 77.3433



70.5466, 69.2650, 70.1379

Triad

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



70.8899, 69.2650, 77.3433



63.9639, 69.2650, 62.9856



62.8379, 69.2650, 87.2656

Complementary

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



70.8899, 69.2650, 77.3433



70.7303, 79.8179, 84.3554

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.



61.3367, 69.2650, 80.9562



70.8899, 69.2650, 77.3433



61.9749, 69.2650, 67.0340

Square

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



70.8899, 69.2650, 77.3433



66.5032, 69.2650, 62.1578



61.0250, 69.2650, 73.5245



65.1699, 69.2650, 90.4410

Rectangle

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



70.8899, 69.2650, 77.3433



69.5839, 69.2650, 66.2269



61.0250, 69.2650, 73.5245



62.2219, 69.2650, 85.4219

Sweetspot

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



70.8919, 69.2680, 77.3448



91.8919, 94.9094, 104.0688



69.9034, 68.4849, 89.6563



19.4922, 20.0306, 22.0035



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.



70.8919, 69.2680, 77.3448



81.2892, 77.9354, 87.4896



70.3923, 70.3247, 70.8404



15.2961, 15.1463, 16.8445



20.0821, 10.2355, 6.2335



1.6220, 0.8218, 0.7270

Inverse Universe

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



70.8919, 69.2680, 77.3448



81.2892, 77.9354, 87.4896



71.2468, 78.5782, 91.5337



15.2961, 15.1463, 16.8445



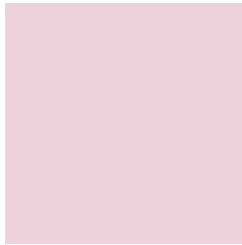
20.0821, 10.2355, 6.2335



1.6220, 0.8218, 0.7270

Previews

White Background



This preview shows how the XYZ color 70.8899, 69.2650, 77.3433 looks on a white background.

Color Contrast Check

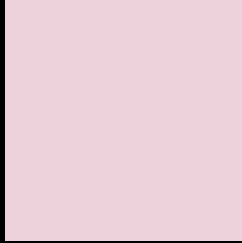
Large Text (above 18pt) WCAG AA × Fail

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 70.8899, 69.2650, 77.3433 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 70.8899, 69.2650, 77.3433

Background



This preview shows how black text looks on a background with the XYZ color 70.8899, 69.2650, 77.3433.



This preview shows how white text looks on a background with the XYZ color 70.8899, 69.2650,

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

70.8899, 69.2650, 77.3433

Protanopia

67.0886, 69.4995, 79.6908

Deuteranopia

70.5569, 69.0934, 77.3277



Tritanopia

71.7878, 69.2691, 81.5381

Trichromacy



Original Color

70.8899, 69.2650, 77.3433

Protanomaly

68.5954, 69.5358, 78.9136

Deuteranomaly

70.5569, 69.0934, 77.3277

Tritanomaly

71.5149, 69.1599, 80.1010

Monochromacy



Original Color

70.8899, 69.2650, 77.3433

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7061, 70.3950, 76.9842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8899, 69.2650, 77.3433 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, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 220)  
}
```

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, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.8899, 69.2650, 77.3433 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, 210, 220) }
```


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

```
.border{ border-color:rgb(237, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8899, 69.2650, 77.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 220) }
```

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

```
.background{ background-color: rgb(237,  
210, 220) }
```

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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