

Converting Colors

XYZ(70.2900, 69.3538, 78.2394)

Have a look what the booklet for
XYZ(70.2900, 69.3538, 78.2394)
contains.

XYZ(70.2771, 69.3014, 78.0791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.2771, 69.3014,
78.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD3DD
RGB	234, 211, 221
RGB Percent	92%, 83%, 87%
CMY	0.0823, 0.1725, 0.1333
CMYK	0.00, 0.10, 0.06, 0.08
HSL	334°, 35%, 87%
HSV	334°, 10%, 92%
XYZ	70.2771, 69.3014, 78.0791
YIQ	219.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

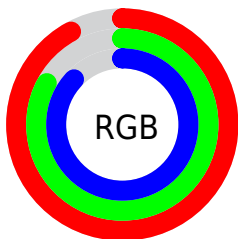
Format	Color
R_{YB}	234, 211, 221
Decimal	15389661
CIE Lab	86.65, 9.66, -2.03
CIE LCh	87, 9.869, 348.150
Yxy	69.3014, 0.3229, 0.3184
Android (android.graphics.Color)	4293579741 (0xFFEAD3DD)
YUV	219.0170, 0.9776, 13.1401
Hunter-Lab	83.2475, 5.0058, 2.6642

Details

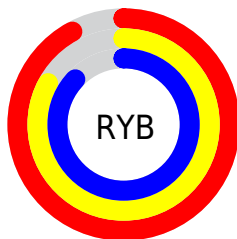
The XYZ color **70.2771, 69.3014, 78.0791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7440, 78.0782, 81.9195**, and the grayscale version is **67.3337, 70.8403, 77.1451**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1315, 35.9951, 41.0671** is the 20% darker color. If you saturate the color by 10%, you get **63.1884, 57.8336, 67.3608**, and if you desaturate by 10%, it is **78.3549, 82.5232, 89.8140**.

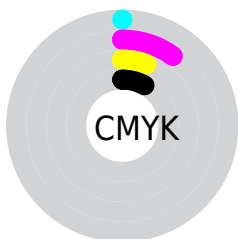
Distribution



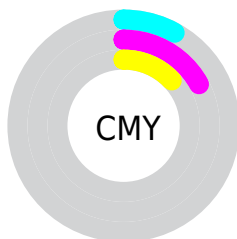
- Red (92%)
- Green (83%)
- Blue (87%)



- Red (92%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2771, 69.3014, 78.0791 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 70.2771, 69.3014, 78.0791 by changing the saturation by 10% instead.

70.2771, 69.3014,
78.0791

70.2771, 69.3014,
78.0791

450.7736,
458.0933, 507.9705

52.0329, 50.9572,
57.6221

118.6279,
118.2120, 132.4485

37.2557, 36.1746,
41.0922

149.4653,
149.5471, 167.1980

25.5801, 24.5690,
28.0709

185.2311,
185.9814, 207.5488

16.6408, 15.7563,
18.1396

226.2906,
227.8992, 253.9194

10.0724, 9.3518,
10.8798

273.0093,
275.6849, 306.7283

5.5096, 4.9714,
5.8729

325.7524,

2.5871, 2.2305,

329.7228, 366.3941

2.7004

384.8854,
390.3975, 433.3353

■ 0.9394, 0.7365,
0.9436

■ 0.0000, 0.0000,
0.0000

■ 70.2771, 69.3014,
78.0791

■ 70.2771, 69.3014,
78.0791

■ 63.1884, 57.8336,
67.3608

■ 78.3549, 82.5232,
89.8140

■ 57.0432, 48.0366,
57.6256

■ 86.5514, 95.7564,
102.2880

■ 51.8012, 39.8342,
48.8448

■ 87.7421, 96.2326,
108.5580

■ 47.4167, 33.1402,
40.9862

■ 43.8398, 27.8607,
34.0154

■ 41.0151, 23.8909,
27.8957

■ 38.8796, 21.1112,
22.5869

■ 37.3593, 19.3797,
18.0437

■ 36.3321, 18.4596,
14.2043

Harmonies

Analogous

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



69.2067, 69.3014, 84.1958



70.2771, 69.3014, 78.0791



70.1463, 69.3014, 71.5934

Triad

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



70.2771, 69.3014, 78.0791



64.5055, 69.3014, 64.0876



62.9720, 69.3014, 85.2556

Complementary

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



70.2771, 69.3014, 78.0791



69.7440, 78.0782, 81.9195

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.



61.7690, 69.3014, 79.4581



70.2771, 69.3014, 78.0791



62.6402, 69.3014, 67.3456

Square

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



70.2771, 69.3014, 78.0791



66.7781, 69.3014, 63.7661



61.6490, 69.3014, 72.8951



64.9680, 69.3014, 88.4970

Rectangle

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



70.2771, 69.3014, 78.0791



69.3959, 69.3014, 67.9259



61.6490, 69.3014, 72.8951



62.4635, 69.3014, 83.5261

Sweetspot

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



70.2791, 69.3044, 78.0806



91.9693, 94.9404, 104.4767



68.7802, 68.3238, 87.4056



19.5130, 20.0389, 22.1134



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.



70.2791, 69.3044, 78.0806



83.3921, 80.9421, 91.8872



69.2730, 69.3607, 71.3685



15.3374, 15.1628, 17.0619



20.4682, 10.3900, 8.2666



1.6547, 0.8349, 0.8992

Inverse Universe

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



70.2791, 69.3044, 78.0806



83.3921, 80.9421, 91.8872



70.8139, 77.9841, 89.1630



15.3374, 15.1628, 17.0619



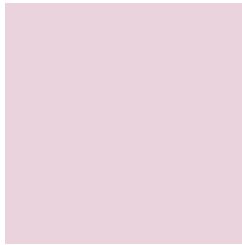
20.4682, 10.3900, 8.2666



1.6547, 0.8349, 0.8992

Previews

White Background



This preview shows how the XYZ color 70.2771, 69.3014, 78.0791 looks on a white background.

Color Contrast Check

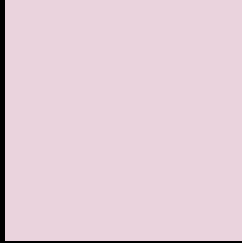
Large Text (above 18pt) WCAG AA × Fail

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 70.2771, 69.3014, 78.0791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

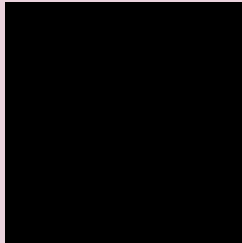
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2771, 69.3014, 78.0791

Background



This preview shows how black text looks on a background with the XYZ color 70.2771, 69.3014, 78.0791.



This preview shows how white text looks on a background with the XYZ color 70.2771, 69.3014,

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

70.2771, 69.3014, 78.0791

Protanopia

67.2238, 69.5536, 80.4031

Deuteranopia

70.6898, 69.1465, 78.0275



Tritanopia

71.1727, 69.3014, 82.2984

Trichromacy



Original Color

70.2771, 69.3014, 78.0791

Protanomaly

68.1063, 69.2681, 79.5925

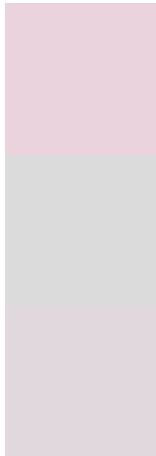
Deuteranomaly

70.3587, 68.9758, 78.0120

Tritanomaly

70.8982, 69.1916, 80.8527

Monochromacy



Original Color

70.2771, 69.3014, 78.0791

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2146, 70.1263, 77.6506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2771, 69.3014, 78.0791 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(234, 211, 221) looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 221)  
}
```

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(234, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 221) }
```

Border

The CSS property to change the border of an element to XYZ 70.2771, 69.3014, 78.0791 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(234, 211, 221) }
```


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

```
.border{ border-color:rgb(234, 211, 221) }
```

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

Here you see how a box with a 4 pixel rgb(234, 211, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2771, 69.3014, 78.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 221) }
```

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

```
.background{ background-color: rgb(234,  
211, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor