

# Converting Colors

XYZ(70.1126, 68.4836, 77.9299)

Have a look what the booklet for  
XYZ(70.1126, 68.4836, 77.9299)  
contains.

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# Color

**XYZ(70.1126, 68.4836,  
77.9299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD1DD
RGB	235, 209, 221
RGB Percent	92%, 82%, 87%
CMY	0.0784, 0.1804, 0.1333
CMYK	0.00, 0.11, 0.06, 0.08
HSL	332°, 39%, 87%
HSV	332°, 11%, 92%
XYZ	70.1126, 68.4836, 77.9299
YIQ	218.1420, 11.6440, 9.2440

# Conversions

## Conversions Part 2

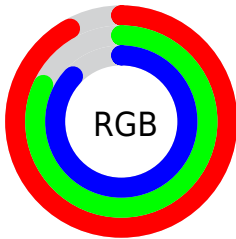
Format	Color
RYB	235, 209, 221
Decimal	15454685
CIELab	86.25, 11.05, -2.61
CIELCh	86, 11.357, 346.707
Yxy	68.4836, 0.3238, 0.3163
Android (android.graphics.Color)	4293644765 (0xFFEBD1DD)
YUV	218.1420, 1.4090, 14.7845
Hunter-Lab	82.7548, 6.4101, 2.0952

# Details

The XYZ color **70.1126, 68.4836, 77.9299** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3248, 78.3016, 81.2759**, and the grayscale version is **66.7251, 70.2000, 76.4478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1947, 35.7796, 41.0222** is the 20% darker color. If you saturate the color by 10%, you get **63.1440, 57.1433, 67.5993**, and if you desaturate by 10%, it is **78.0627, 81.5816, 89.2165**.

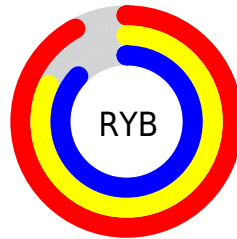
# Distribution



Red (92%)

Green (82%)

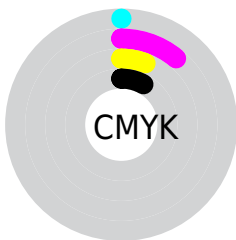
Blue (87%)



Red (92%)

Yellow (82%)

Blue (87%)

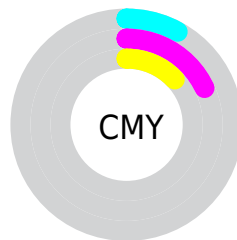


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (18%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1126, 68.4836, 77.9299 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 70.1126, 68.4836, 77.9299 by changing the saturation by 10% instead.




 70.1126, 68.4836,  
77.9299

 70.1126, 68.4836,  
77.9299


450.2055,  
455.2075, 507.4503

 51.8983, 50.2913,  
57.5003


118.3947,  
117.0437, 132.2363

 37.1479, 35.6449,  
40.9950


149.1932,  
148.1803, 166.9501

 25.4962, 24.1601,  
27.9955


184.9171,  
184.4003, 207.2624

 16.5779, 15.4524,  
18.0833

225.9318,  
226.0884, 253.5918

 10.0274, 9.1375,  
10.8397

272.6026,  
273.6287, 306.3567

 5.4795, 4.8310,  
5.8463

325.2950,

 2.5689, 2.1484,

327.4057, 365.9758

2.6846

384.3741,  
387.8039, 432.8675

■ 0.9301, 0.6917,  
0.9357

■ 0.0000, 0.0000,  
0.0000

■ 70.1126, 68.4836,  
77.9299

■ 70.1126, 68.4836,  
77.9299

■ 63.1440, 57.1433,  
67.5993

■ 78.0627, 81.5816,  
89.2165

■ 57.1111, 47.4763,  
58.1932

■ 86.7041, 95.8555,  
101.3733

■ 51.9733, 39.4050,  
49.6846

■ 88.0714, 96.4024,  
108.5734

■ 47.6842, 32.8416,  
42.0435

■ 44.1934, 27.6902,  
35.2377

■ 41.4447, 23.8436,  
29.2325

■ 39.3739, 21.1788,  
23.9897

■ 37.9049, 19.5490,  
19.4665

■ 36.9917, 18.7545,  
15.9812

# Harmonies

## Analogous

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



68.8233, 68.4836, 84.8922



70.1126, 68.4836, 77.9299



70.0311, 68.4836, 70.5004

# Triad

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



70.1126, 68.4836, 77.9299



63.6557, 68.4836, 61.5983



61.7016, 68.4836, 85.5558

# Complementary

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



70.1126, 68.4836, 77.9299



69.3248, 78.3016, 81.2759

# 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.



60.3900, 68.4836, 78.7871



70.1126, 68.4836, 77.9299



61.4973, 68.4836, 65.1149

# Square

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



70.1126, 68.4836, 77.9299



66.2555, 68.4836, 61.4029



60.3162, 68.4836, 71.3023



63.9414, 68.4836, 89.4898



# Rectangle

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



70.1126, 68.4836, 77.9299



69.2097, 68.4836, 66.2805



60.3162, 68.4836, 71.3023



61.1402, 68.4836, 83.5169

# Sweetspot

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



70.1146, 68.4866, 77.9314



92.0016, 94.9533, 104.6465



68.1888, 67.2692, 87.9886



19.5217, 20.0424, 22.1592



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.



70.1146, 68.4866, 77.9314



82.6290, 79.5459, 91.2324



68.7857, 68.2962, 69.8823



15.3546, 15.1697, 17.1527



20.6503, 10.4628, 9.2257



1.6696, 0.8408, 0.9777



# Inverse Universe

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



70.1146, 68.4866, 77.9314



82.6290, 79.5459, 91.2324



70.7529, 78.4768, 90.0167



15.3546, 15.1697, 17.1527



20.6503, 10.4628, 9.2257



1.6696, 0.8408, 0.9777



# Previews

## White Background



This preview shows how the XYZ color 70.1126, 68.4836, 77.9299 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

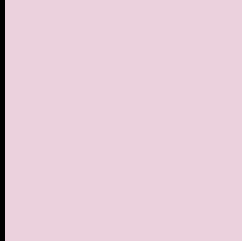
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 70.1126, 68.4836, 77.9299 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 70.1126, 68.4836, 77.9299**

## **Background**



This preview shows how black text looks on a background with the XYZ color 70.1126, 68.4836, 77.9299.



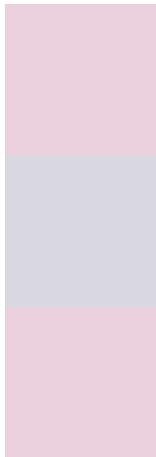
This preview shows how white text looks on a background with the XYZ color 70.1126, 68.4836,

77.9299.

# 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

70.1126, 68.4836, 77.9299

### Protanopia

66.3703, 68.7344, 80.2900

### Deuteranopia

69.7833, 68.3138, 77.9145



## Tritanopia

70.7386, 68.3809, 80.7047

# Trichromacy



## Original Color

70.1126, 68.4836, 77.9299

## Protanomaly

67.8540, 68.7635, 79.5084

## Deuteranomaly

69.7833, 68.3138, 77.9145

## Tritanomaly

70.6025, 68.3264, 79.9882

# Monochromacy



## Original Color

70.1126, 68.4836, 77.9299

## Achromatopsia

66.6397, 70.1102, 76.3500

## Achromatomaly

67.8271, 69.5626, 76.8699

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.1126, 68.4836, 77.9299 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(235, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 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(235, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 70.1126, 68.4836, 77.9299 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(235, 209, 221) }
```



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

```
.border{ border-color:rgb(235, 209, 221) }
```

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

Here you see how a box with a 4 pixel rgb(235, 209, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 209,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.1126, 68.4836, 77.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 221) }
```

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

```
.background{ background-color: rgb(235,  
209, 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](#).

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