

Converting Colors

XYZ(70.9659, 65.6120, 77.4073)

Have a look what the booklet for
XYZ(70.9659, 65.6120, 77.4073)
contains.

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Color

**XYZ(71.0136, 65.7621,
77.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C8DD
RGB	244, 200, 221
RGB Percent	96%, 78%, 87%
CMY	0.0431, 0.2157, 0.1333
CMYK	0.00, 0.18, 0.09, 0.04
HSL	331°, 67%, 87%
HSV	331°, 18%, 96%
XYZ	71.0136, 65.7621, 77.3571
YIQ	215.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

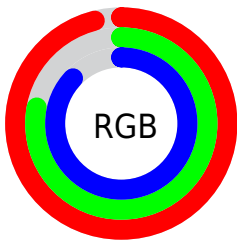
Format	Color
R_{YB}	244, 200, 221
Decimal	16042205
CIE _{Lab}	84.87, 18.90, -4.54
CIE _{LCh}	85, 19.434, 346.494
Yxy	65.7621, 0.3316, 0.3071
Android (android.graphics.Color)	4294232285 (0xFFF4C8DD)
YUV	215.5500, 2.6868, 24.9506
Hunter-Lab	81.0938, 14.3976, 0.2077

Details

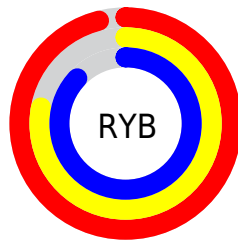
The XYZ color **71.0136, 65.7621, 77.3571** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4920, 82.3101, 82.0407**, and the grayscale version is **64.9389, 68.3207, 74.4013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6553, 33.8757, 40.6304** is the 20% darker color. If you saturate the color by 10%, you get **64.1721, 54.6957, 67.0080**, and if you desaturate by 10%, it is **78.8898, 78.6896, 88.6897**.

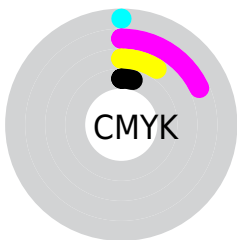
Distribution



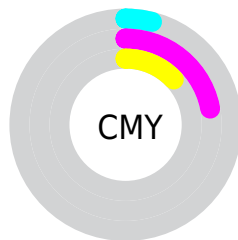
- Red (96%)
- Green (78%)
- Blue (87%)



- Red (96%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0136, 65.7621, 77.3571 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 71.0136, 65.7621, 77.3571 by changing the saturation by 10% instead.

 71.0136, 65.7621,
77.3571

 71.0136, 65.7621,
77.3571


453.3121,
445.5256, 505.4507

 52.6359, 48.0793,
57.0327


119.6715,
113.1448, 131.4211

 37.7385, 33.8897,
40.6220

150.6824,
143.6135, 165.9977

 25.9561, 22.8089,
27.7063


186.6350,
179.1130, 206.1621

 16.9233, 14.4524,
17.8673

227.8948,
220.0276, 252.3330

 10.2748, 8.4360,
10.6863

274.8270,
266.7418, 304.9287

 5.6452, 4.3752,
5.7448

327.7971,

 2.6691, 1.8856,

319.6399, 364.3678

2.6243

387.1703,
379.1064, 431.0690

■ 0.9813, 0.5397,
0.9049

■ 0.0000, 0.0000,
0.0000

■ 71.0136, 65.7621,
77.3571

■ 71.0136, 65.7621,
77.3571

■ 64.1721, 54.6957,
67.0080

■ 78.8898, 78.6896,
88.6897

■ 58.3141, 45.3950,
57.6091

■ 87.8377, 93.5501,
101.0295

■ 53.3924, 37.7696,
49.1308

■ 91.1186, 97.9733,
108.7160

■ 49.3535, 31.7173,
41.5401

■ 46.1381, 27.1247,
34.8017

■ 43.6792, 23.8629,
28.8767

■ 41.8980, 21.7801,
23.7218

■ 40.6878, 20.6684,
19.2834

■ 40.4868, 20.5046,
18.4822

Harmonies

Analogous

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



68.7830, 65.7621, 89.4319



71.0136, 65.7621, 77.3571



70.8905, 65.7621, 65.0028

Triad

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



71.0136, 65.7621, 77.3571



60.1554, 65.7621, 50.9663



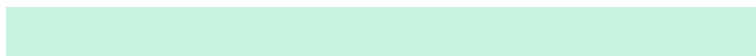
56.9108, 65.7621, 90.4623

Complementary

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



71.0136, 65.7621, 77.3571



69.4920, 82.3101, 82.0407

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.



54.8081, 65.7621, 78.6371



71.0136, 65.7621, 77.3571



56.6209, 65.7621, 56.3179

Square

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



71.0136, 65.7621, 77.3571



64.4828, 65.7621, 50.7085



54.7046, 65.7621, 66.1430



60.5679, 65.7621, 97.5706

Rectangle

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



71.0136, 65.7621, 77.3571



69.4877, 65.7621, 58.2559



54.7046, 65.7621, 66.1430



56.0063, 65.7621, 86.8490

Sweetspot

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



71.0155, 65.7650, 77.3585



90.0618, 91.7113, 102.0346



67.3352, 63.4891, 94.2944



19.1321, 19.3900, 21.6379



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.



71.0155, 65.7650, 77.3585



75.3229, 67.5338, 80.7813



68.5604, 65.0554, 63.5905



16.8285, 16.6142, 18.8433



22.0824, 11.1764, 10.4083



1.9924, 1.0029, 1.1865

Inverse Universe

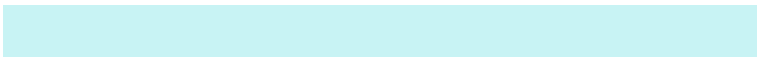
The Inverse Universe completely reimagines the original color for something new.



71.0155, 65.7650, 77.3585



75.3229, 67.5338, 80.7813



72.2810, 83.0734, 97.8139



16.8285, 16.6142, 18.8433



22.0824, 11.1764, 10.4083



1.9924, 1.0029, 1.1865

Previews

White Background



This preview shows how the XYZ color 71.0136, 65.7621, 77.3571 looks on a white background.

Color Contrast Check

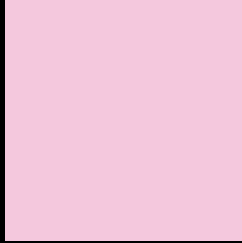
Large Text (above 18pt) WCAG AA × Fail

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 71.0136, 65.7621, 77.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

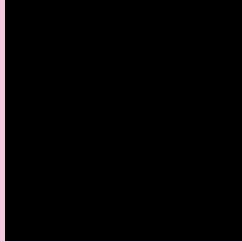
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0136, 65.7621, 77.3571

Background



This preview shows how black text looks on a background with the XYZ color 71.0136, 65.7621, 77.3571.



This preview shows how white text looks on a background with the XYZ color 71.0136, 65.7621,

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

71.0136, 65.7621, 77.3571

Protanopia

64.1618, 66.0389, 82.7639

Deuteranopia

67.3027, 65.9679, 76.8960



Tritanopia

70.2435, 65.7858, 73.9615

Trichromacy



Original Color

71.0136, 65.7621, 77.3571

Protanomaly

66.3349, 65.7499, 80.4289

Deuteranomaly

68.4428, 65.8455, 76.8123

Tritanomaly

70.5037, 65.8899, 75.3317

Monochromacy



Original Color

71.0136, 65.7621, 77.3571

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.0655, 67.3239, 75.7897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0136, 65.7621, 77.3571 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(244, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 200, 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(244, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.0136, 65.7621, 77.3571 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(244, 200, 221) }
```


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

```
.border{ border-color:rgb(244, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 200,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0136, 65.7621, 77.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 200, 221) }
```

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

```
.background{ background-color: rgb(244,  
200, 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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