

Converting Colors

XYZ(70.8745, 64.5938, 84.3980)

Have a look what the booklet for
XYZ(70.8745, 64.5938, 84.3980)
contains.

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Color

**XYZ(70.6657, 64.4028,
84.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C5E7
RGB	241, 197, 231
RGB Percent	95%, 77%, 91%
CMY	0.0549, 0.2274, 0.0941
CMYK	0.00, 0.18, 0.04, 0.05
HSL	314°, 61%, 86%
HSV	314°, 18%, 95%
XYZ	70.6657, 64.4028, 84.3078
YIQ	214.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

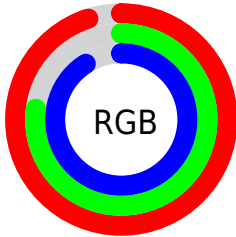
Format	Color
R _Y B	241, 197, 231
Decimal	15844839
CIE Lab	84.18, 21.17, -10.94
CIE LCh	84, 23.830, 332.677
Yxy	64.4028, 0.3221, 0.2936
Android (android.graphics.Color)	4294034919 (0xFFFF1C5E7)
YUV	214.0320, 8.3652, 23.6509
Hunter-Lab	80.2514, 16.7391, -6.1110

Details

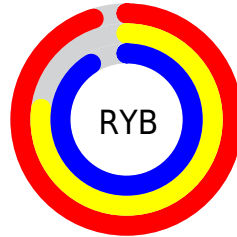
The XYZ color **70.6657, 64.4028, 84.3078** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7463, 79.2878, 70.8740**, and the grayscale version is **63.8779, 67.2046, 73.1858**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.5679, 33.0544, 44.9575** is the 20% darker color. If you saturate the color by 10%, you get **64.8637, 54.0167, 78.6166**, and if you desaturate by 10%, it is **77.3705, 76.5538, 90.4209**.

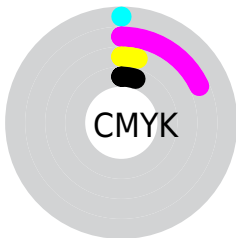
Distribution



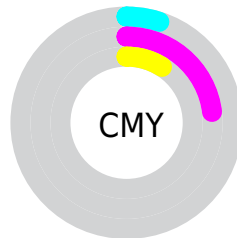
- Red (95%)
- Green (77%)
- Blue (91%)



- Red (95%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6657, 64.4028, 84.3078 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 70.6657, 64.4028, 84.3078 by changing the saturation by 10% instead.


 70.6657, 64.4028,
84.3078

 70.6657, 64.4028,
84.3078

452.1140,
440.6428, 529.4195

 52.3510, 46.9770,
62.7227


119.1787,
111.1908, 141.2712

 37.5103, 33.0175,
45.1774


150.1077,
141.3218, 177.4867

 25.7783, 22.1398,
31.2532

185.9722,
176.4567, 219.4160

 16.7897, 13.9597,
20.5317

227.1375,
216.9798, 267.4777

 10.1790, 8.0926,
12.5942

273.9689,
263.2756, 322.0904

 5.5810, 4.1543,
7.0223

326.8319,

 2.6302, 1.7602,

315.7284, 383.6726

3.3974

386.0918,
374.7227, 452.6428

■ 0.9614, 0.4622,
1.3009

■ 0.0000, 0.0000,
0.0626

■ 70.6657, 64.4028,
84.3078

■ 70.6657, 64.4028,
84.3078

■ 64.8637, 54.0167,
78.6166

■ 77.3705, 76.5538,
90.4209

■ 59.9171, 45.3041,
73.3283

■ 85.0114, 90.5387,
96.9657

■ 55.7827, 38.1778,
68.4280

■ 88.8918, 96.9633,
102.3787

■ 52.4113, 32.5397,
63.8982

■ 89.7519, 97.3073,
106.9075

■ 49.7480, 28.2808,
59.7196

■ 90.0861, 97.4410,
108.6677

■ 47.7307, 25.2767,
55.8702

■ 46.2859, 23.3810,
52.3245

■ 45.3105, 22.3878,
49.0468

■ 45.1627, 22.2557,
48.4938

Harmonies

Analogous

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



66.8494, 64.4028, 97.5020



70.6657, 64.4028, 84.3078



71.9050, 64.4028, 68.7766

Triad

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



70.6657, 64.4028, 84.3078



60.7407, 64.4028, 44.9425



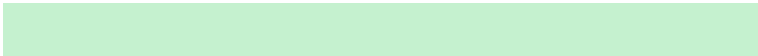
53.0724, 64.4028, 86.9909

Complementary

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



70.6657, 64.4028, 84.3078



65.7463, 79.2878, 70.8740

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.



51.6371, 64.4028, 71.4883



70.6657, 64.4028, 84.3078



55.9025, 64.4028, 48.4200

Square

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



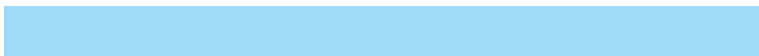
70.6657, 64.4028, 84.3078



65.9836, 64.4028, 47.3685



52.6431, 64.4028, 57.6270



56.6779, 64.4028, 99.2008

Rectangle

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



70.6657, 64.4028, 84.3078



71.0484, 64.4028, 59.5180



52.6431, 64.4028, 57.6270



52.3298, 64.4028, 81.9199

Sweetspot

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



70.6676, 64.4056, 84.3092



90.6534, 91.9479, 105.1500



61.4481, 59.4849, 91.4633



19.2760, 19.4476, 22.3958



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.



70.6676, 64.4056, 84.3092



77.7048, 68.4866, 93.3240



67.8107, 63.2629, 69.2648



16.2916, 15.9663, 19.0916



24.5441, 12.0901, 26.5793



2.0790, 1.0206, 2.4066

Inverse Universe

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



70.6676, 64.4056, 84.3092



77.7048, 68.4866, 93.3240



68.5612, 80.4137, 85.6973



16.2916, 15.9663, 19.0916



24.5441, 12.0901, 26.5793



2.0790, 1.0206, 2.4066

Previews

White Background



This preview shows how the XYZ color 70.6657, 64.4028, 84.3078 looks on a white background.

Color Contrast Check

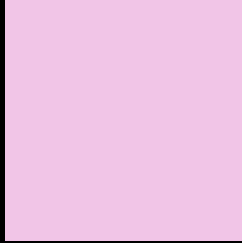
Large Text (above 18pt) WCAG AA × Fail

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 70.6657, 64.4028, 84.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

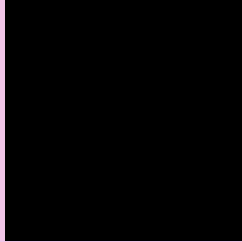
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6657, 64.4028, 84.3078

Background



This preview shows how black text looks on a background with the XYZ color 70.6657, 64.4028, 84.3078.



This preview shows how white text looks on a background with the XYZ color 70.6657, 64.4028,

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

70.6657, 64.4028, 84.3078

Protanopia

63.6867, 64.8958, 90.0584

Deuteranopia

66.0000, 64.4285, 83.8203



Tritanopia

68.5166, 64.5656, 73.1412

Trichromacy



Original Color

70.6657, 64.4028, 84.3078

Protanomaly

66.0401, 64.7209, 87.6089

Deuteranomaly

67.4827, 64.1445, 83.6873

Tritanomaly

69.4097, 64.5926, 77.2159

Monochromacy



Original Color

70.6657, 64.4028, 84.3078

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.2146, 66.1264, 76.9839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6657, 64.4028, 84.3078 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(241, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 197, 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(241, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 197, 231) }
```

Border

The CSS property to change the border of an element to XYZ 70.6657, 64.4028, 84.3078 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(241, 197, 231) }
```


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

```
.border{ border-color:rgb(241, 197, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 197,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6657, 64.4028, 84.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 197, 231) }
```

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

```
.background{ background-color: rgb(241,  
197, 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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