

Converting Colors

XYZ(70.4370, 64.4027, 83.4974)

Have a look what the booklet for
XYZ(70.4370, 64.4027, 83.4974)
contains.

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Color

**XYZ(70.5248, 64.3464,
83.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C5E6
RGB	241, 197, 230
RGB Percent	95%, 77%, 90%
CMY	0.0549, 0.2274, 0.0980
CMYK	0.00, 0.18, 0.05, 0.05
HSL	315°, 61%, 86%
HSV	315°, 18%, 95%
XYZ	70.5248, 64.3464, 83.5660
YIQ	213.9180, 15.6310, 19.5910

Conversions

Conversions Part 2

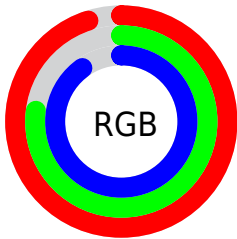
Format	Color
R_{YB}	241, 197, 230
Decimal	15844838
CIE _{Lab}	84.15, 21.00, -10.45
CIE _{LCh}	84, 23.452, 333.544
Yxy	64.3464, 0.3229, 0.2946
Android (android.graphics.Color)	4294034918 (0xFFFF1C5E6)
YUV	213.9180, 7.9284, 23.7509
Hunter-Lab	80.2162, 16.5560, -5.6146

Details

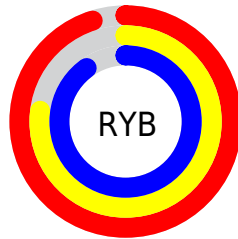
The XYZ color **70.5248, 64.3464, 83.5660** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.8689, 79.3368, 71.5199**, and the grayscale version is **63.8039, 67.1267, 73.1010**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.4700, 33.0152, 44.4421** is the 20% darker color. If you saturate the color by 10%, you get **64.6528, 53.9323, 77.5062**, and if you desaturate by 10%, it is **77.3047, 76.5274, 90.0743**.

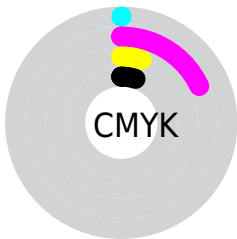
Distribution



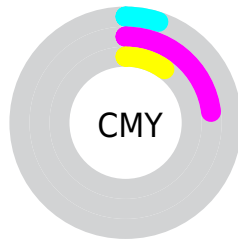
- Red (95%)
- Green (77%)
- Blue (90%)



- Red (95%)
- Yellow (77%)
- Blue (90%)



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





- Cyan (5%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5248, 64.3464, 83.5660 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 70.5248, 64.3464, 83.5660 by changing the saturation by 10% instead.

 70.5248, 64.3464,
83.5660

 70.5248, 64.3464,
83.5660


451.6283,
440.4395, 526.8912

 52.2356, 46.9313,
62.1139


118.9790,
111.1097, 140.2242

 37.4180, 32.9813,
44.6883


149.8748,
141.2266, 176.2674

 25.7064, 22.1122,
30.8708


185.7035,
176.3463, 218.0113

 16.7357, 13.9393,
20.2429

226.8305,
216.8531, 265.8745

 10.1403, 8.0785,
12.3859

273.6211,
263.1314, 320.2756

 5.5551, 4.1452,
6.8813

326.4407,

 2.6146, 1.7551,

315.5657, 381.6331

3.3107

385.6546,
374.5402, 450.3654

■ 0.9534, 0.4590,
1.2554

■ 0.0000, 0.0000,
0.0248

■ 70.5248, 64.3464,
83.5660

■ 70.5248, 64.3464,
83.5660

■ 64.6528, 53.9323,
77.5062

■ 77.3047, 76.5274,
90.0743

■ 59.6411, 45.1936,
71.8753

■ 85.0257, 90.5443,
97.0413

■ 55.4466, 38.0433,
66.6582

■ 88.9915, 97.0032,
102.9037

■ 52.0198, 32.3831,
61.8370

■ 89.9421, 97.3834,
107.9095

■ 49.3060, 28.1039,
57.3918

■ 90.0861, 97.4410,
108.6677

■ 47.2427, 25.0815,
53.3005

■ 45.7565, 23.1692,
49.5369

■ 44.7442, 22.1613,
46.0650

■ 44.5905, 22.0268,
45.4805

Harmonies

Analogous

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



66.8346, 64.3464, 96.6515



70.5248, 64.3464, 83.5660



71.6578, 64.3464, 68.3123

Triad

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



70.5248, 64.3464, 83.5660



60.5452, 64.3464, 45.2567



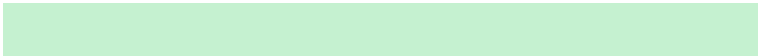
53.2217, 64.3464, 87.0511

Complementary

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



70.5248, 64.3464, 83.5660



65.8689, 79.3368, 71.5199

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.



51.7399, 64.3464, 71.8419



70.5248, 64.3464, 83.5660



55.8148, 64.3464, 48.8603

Square

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



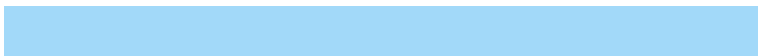
70.5248, 64.3464, 83.5660



65.7086, 64.3464, 47.4856



52.6620, 64.3464, 58.0978



56.8250, 64.3464, 98.8549

Rectangle

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



70.5248, 64.3464, 83.5660



70.7605, 64.3464, 59.2661



52.6620, 64.3464, 58.0978



52.4685, 64.3464, 82.0959

Sweetspot

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



70.5267, 64.3492, 83.5674



90.6075, 91.9296, 104.9081



61.8585, 59.6965, 91.4824



19.2648, 19.4431, 22.3369



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.



70.5267, 64.3492, 83.5674



77.5137, 68.4101, 92.3175



67.6293, 63.1903, 68.3098



16.2755, 15.9599, 19.0072



24.2369, 11.9672, 24.9618



2.0557, 1.0113, 2.2843

Inverse Universe

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



70.5267, 64.3492, 83.5674



77.5137, 68.4101, 92.3175



68.7663, 80.4958, 86.7775



16.2755, 15.9599, 19.0072



24.2369, 11.9672, 24.9618



2.0557, 1.0113, 2.2843

Previews

White Background



This preview shows how the XYZ color 70.5248, 64.3464, 83.5660 looks on a white background.

Color Contrast Check

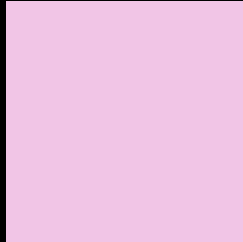
Large Text (above 18pt) WCAG AA × Fail

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 70.5248, 64.3464, 83.5660 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 70.5248, 64.3464, 83.5660

Background



This preview shows how black text looks on a background with the XYZ color 70.5248, 64.3464, 83.5660.



This preview shows how white text looks on a background with the XYZ color 70.5248, 64.3464,

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

70.5248, 64.3464, 83.5660

Protanopia

63.5401, 64.8372, 89.2867

Deuteranopia

65.8599, 64.3725, 83.0827



Tritanopia

68.5166, 64.5656, 73.1412

Trichromacy



Original Color

70.5248, 64.3464, 83.5660

Protanomaly

65.8960, 64.6632, 86.8501

Deuteranomaly

67.3426, 64.0884, 82.9497

Tritanomaly

69.2769, 64.5394, 76.5162

Monochromacy



Original Color

70.5248, 64.3464, 83.5660

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 70.5248, 64.3464, 83.5660 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 197, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 197, 230) }
```

Border

The CSS property to change the border of an element to XYZ 70.5248, 64.3464, 83.5660 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, 230) }
```


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

```
.border{ border-color:rgb(241, 197, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 197,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5248, 64.3464, 83.5660 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, 230) }
```

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

```
.background{ background-color: rgb(241,  
197, 230) }
```

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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