

Converting Colors

XYZ(72.2625, 64.4647, 70.3531)

Have a look what the booklet for
XYZ(72.2625, 64.4647, 70.3531)
contains.

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Color

**XYZ(72.2897, 64.5467,
70.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2D3
RGB	255, 194, 211
RGB Percent	100%, 76%, 83%
CMY	0.0000, 0.2392, 0.1725
CMYK	0.00, 0.24, 0.17, 0.00
HSL	343°, 100%, 88%
HSV	343°, 24%, 100%
XYZ	72.2897, 64.5467, 70.2767
YIQ	214.1770, 30.8990, 18.2190

Conversions

Conversions Part 2

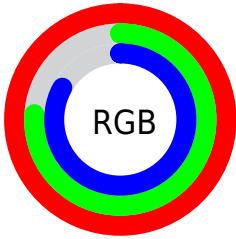
Format	Color
R _Y B	255, 194, 211
Decimal	16761555
CIE Lab	84.25, 24.29, 0.00
CIE LCh	84, 24.294, 0.007
Yxy	64.5467, 0.3490, 0.3116
Android (android.graphics.Color)	4294951635 (0xFFFFC2D3)
YUV	214.1770, -1.5663, 35.8018
Hunter-Lab	80.3410, 20.0152, 4.3759

Details

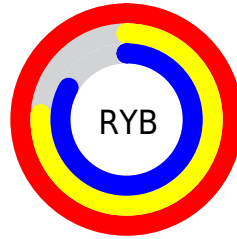
The XYZ color **72.2897, 64.5467, 70.2767** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4430, 89.1635, 94.2319**, and the grayscale version is **64.0326, 67.3673, 73.3630**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.4898, 33.0608, 36.2510** is the 20% darker color. If you saturate the color by 10%, you get **64.9180, 53.2852, 57.0858**, and if you desaturate by 10%, it is **80.9020, 77.8668, 85.1848**.

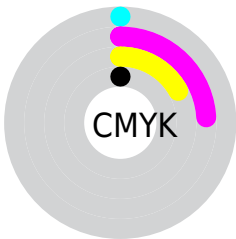
Distribution



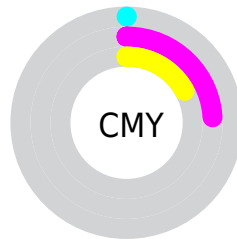
- Red (100%)
- Green (76%)
- Blue (83%)



- Red (100%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2897, 64.5467, 70.2767 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 72.2897, 64.5467, 70.2767 by changing the saturation by 10% instead.


 72.2897, 64.5467,
70.2767

 72.2897, 64.5467,
70.2767


457.6913,
441.1612, 480.3363

 53.6817, 47.0936,
51.2739


 121.4769,
111.3979, 121.2881

 38.5769, 33.1097,
36.0484

152.7868,
141.5648, 154.1338

 26.6100, 22.2105,
24.1816


189.0613,
176.7384, 192.4309

 17.4156, 14.0116,
15.2550

230.6659,
217.3032, 236.5979

 10.6284, 8.1288,
8.8499

277.9658,
263.6434, 287.0535

 5.8830, 4.1774,
4.5479


331.3264,


 2.8140, 1.7733,


316.1436, 344.2160


1.9305


391.1131,
375.1881, 408.5041


 1.0562, 0.4705,
0.5120


 0.0000, 0.0000,
0.0000


 72.2897, 64.5467,
70.2767


 72.2897, 64.5467,
70.2767

 64.9180, 53.2852,
57.0858


 80.9020, 77.8668,
85.1848

 58.7240, 43.9710,
45.5450

 90.8050, 93.3328,
101.8659

 53.6457, 36.4949,
35.5882

95.0500, 100.0000,
108.9000

 49.6134, 30.7336,
27.1434

■ 46.5494, 26.5484,
20.1324

■ 44.3642, 23.7787,
14.4694

■ 42.9501, 22.2289,
10.0572

■ 42.3790, 21.7156,
7.9281

Harmonies

Analogous

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



70.7549, 64.5467, 86.1594



72.2897, 64.5467, 70.2767



70.7535, 64.5467, 56.4775

Triad

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



72.2897, 64.5467, 70.2767



56.3190, 64.5467, 47.6150



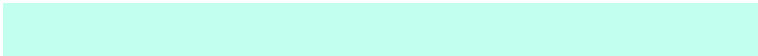
56.3211, 64.5467, 99.1971

Complementary

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



72.2897, 64.5467, 70.2767



73.4430, 89.1635, 94.2319

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.



52.8184, 64.5467, 86.1667



72.2897, 64.5467, 70.2767



52.8173, 64.5467, 56.4830

Square

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



72.2897, 64.5467, 70.2767



61.3484, 64.5467, 44.6163



51.5732, 64.5467, 70.2841



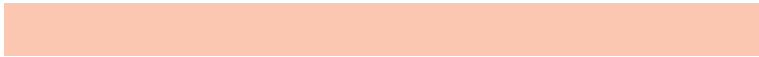
61.3510, 64.5467, 104.2747

Rectangle

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



72.2897, 64.5467, 70.2767



68.2431, 64.5467, 49.9340



51.5732, 64.5467, 70.2841



54.9369, 64.5467, 95.5162

Sweetspot

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



72.2912, 64.5495, 70.2780



87.6132, 88.3335, 96.5342



72.5085, 63.9347, 103.1268



18.6222, 18.7026, 20.4430



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.



72.2912, 64.5495, 70.2780



68.3939, 58.5760, 63.3650



73.3448, 69.8883, 60.6666



18.2174, 18.0703, 19.7617



22.1981, 11.3685, 4.4276



2.2054, 1.1245, 0.6630

Inverse Universe

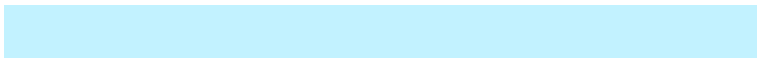
The Inverse Universe completely reimagines the original color for something new.



72.2912, 64.5495, 70.2780



68.3939, 58.5760, 63.3650



71.9877, 82.0663, 106.6540



18.2174, 18.0703, 19.7617



22.1981, 11.3685, 4.4276



2.2054, 1.1245, 0.6630

Previews

White Background



This preview shows how the XYZ color 72.2897, 64.5467, 70.2767 looks on a white background.

Color Contrast Check

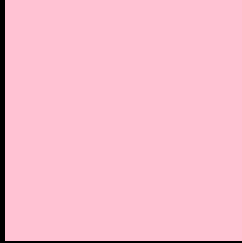
Large Text (above 18pt) WCAG AA × Fail

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 72.2897, 64.5467, 70.2767 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 72.2897, 64.5467, 70.2767

Background



This preview shows how black text looks on a background with the XYZ color 72.2897, 64.5467, 70.2767.



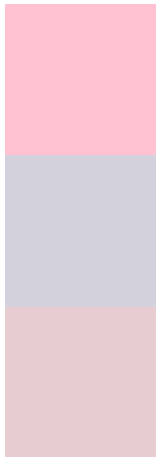
This preview shows how white text looks on a background with the XYZ color 72.2897, 64.5467,

70.2767.

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

72.2897, 64.5467, 70.2767

Protanopia

62.5827, 64.6171, 76.8840

Deuteranopia

66.0565, 64.7781, 69.3435



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

72.2897, 64.5467, 70.2767

Protanomaly

65.7958, 64.5264, 74.6327

Deuteranomaly

68.2223, 64.4870, 69.8243

Tritanomaly

72.1646, 64.4967, 69.6184

Monochromacy



Original Color

72.2897, 64.5467, 70.2767

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.6362, 66.0878, 72.1949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2897, 64.5467, 70.2767 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(255, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 211)  
}
```

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(255, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.2897, 64.5467, 70.2767 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(255, 194, 211) }
```


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

```
.border{ border-color:rgb(255, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2897, 64.5467, 70.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 211) }
```

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

```
.background{ background-color: rgb(255,  
194, 211) }
```

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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