

Converting Colors

XYZ(136.3083, 100.0000,
80.8369)

Have a look what the booklet for
XYZ(136.3083, 100.0000, 80.8369)
contains.

XYZ(75.4117, 68.7215, 77.6966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.4117, 68.7215,
77.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCADD
RGB	255, 202, 221
RGB Percent	100%, 79%, 87%
CMY	0.0000, 0.2078, 0.1333
CMYK	0.00, 0.21, 0.13, 0.00
HSL	338°, 100%, 90%
HSV	338°, 21%, 100%
XYZ	75.4117, 68.7215, 77.6966
YIQ	220.0130, 25.4890, 17.1450

Conversions

Conversions Part 2

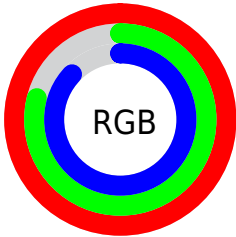
Format	Color
R _{YB}	255, 202, 221
Decimal	16763613
CIE _{Lab}	86.37, 21.65, -2.23
CIE _{LCh}	86, 21.764, 354.122
Yxy	68.7215, 0.3400, 0.3098
Android (android.graphics.Color)	4294953693 (0xFFFFCADD)
YUV	220.0130, 0.4866, 30.6836
Hunter-Lab	82.8984, 17.3070, 2.4593

Details

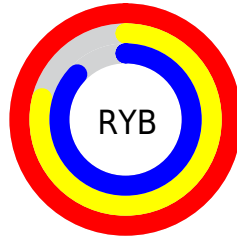
The XYZ color **75.4117, 68.7215, 77.6966** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2597, 90.1338, 92.7913**, and the grayscale version is **68.0223, 71.5647, 77.9340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7615, 35.9387, 40.8649** is the 20% darker color. If you saturate the color by 10%, you get **67.8410, 56.9000, 64.9383**, and if you desaturate by 10%, it is **84.1866, 82.6109, 91.9060**.

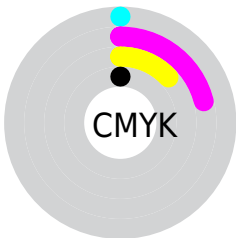
Distribution



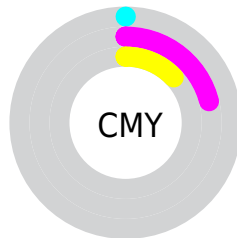
- Red (100%)
- Green (79%)
- Blue (87%)



- Red (100%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4117, 68.7215, 77.6966 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 75.4117, 68.7215, 77.6966 by changing the saturation by 10% instead.


 75.4117, 68.7215,
77.6966

 75.4117, 68.7215,
77.6966


468.3068,
456.0481, 506.6364

 56.2456, 50.4849,
57.3098


125.8798,
117.3837, 131.9043

 40.6376, 35.7989,
40.8430


157.9124,
148.5781, 166.5623

 28.2225, 24.2789,
27.8777


194.9647,
184.8606, 206.8145

 18.6347, 15.5406,
17.9952

237.4018,
226.6156, 253.0793

 11.5091, 9.1997,
10.7771

285.5893,
274.2275, 305.7754

 6.4802, 4.8717,
5.8049

339.8924,

 3.1826, 2.1722,

328.0806, 365.3212

2.6600

400.6764,
388.5593, 432.1354

■ 1.2510, 0.7048,
0.9232

■ 0.1461, 0.0000,
0.0000

■ 75.4117, 68.7215,
77.6966

■ 75.4117, 68.7215,
77.6966

■ 67.8410, 56.9000,
64.9383

■ 84.1866, 82.6109,
91.9060

■ 61.4151, 47.0382,
53.5789

■ 94.2119, 98.6522,
107.6079

■ 56.0768, 39.0312,
43.5689

■ 95.0500, 100.0000,
108.9000

■ 51.7615, 32.7610,
34.8541

■ 48.3978, 28.0954,
27.3761

■ 45.9039, 24.8833,
21.0711

■ 44.1833, 22.9438,
15.8678

■ 43.1458, 22.0223,
11.9657

Harmonies

Analogous

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



73.4664, 68.7215, 92.2491



75.4117, 68.7215, 77.6966



74.5421, 68.7215, 64.0738

Triad

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



75.4117, 68.7215, 77.6966



61.4467, 68.7215, 52.2991



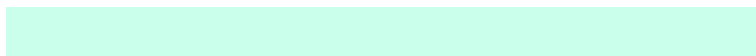
59.8155, 68.7215, 99.5706

Complementary

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



75.4117, 68.7215, 77.6966



75.2597, 90.1338, 92.7913

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.



56.8876, 68.7215, 86.7185



75.4117, 68.7215, 77.6966



57.7950, 68.7215, 59.7477

Square

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



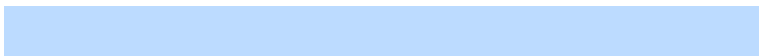
75.4117, 68.7215, 77.6966



66.3125, 68.7215, 50.5302



56.1672, 68.7215, 72.0271



64.3329, 68.7215, 105.8770

Rectangle

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



75.4117, 68.7215, 77.6966



72.5046, 68.7215, 57.1619



56.1672, 68.7215, 72.0271



58.6222, 68.7215, 95.7990

Sweetspot

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



75.4133, 68.7244, 77.6980



88.8214, 90.0075, 99.2255



73.6210, 67.2230, 103.7028



18.8723, 19.0428, 21.0200



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.



75.4133, 68.7244, 77.6980



72.0759, 63.4909, 72.1420



74.7195, 71.1607, 65.6781



18.2784, 18.0947, 20.0830



22.6091, 11.5329, 6.5921



2.2513, 1.1429, 0.9047

Inverse Universe

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



75.4133, 68.7244, 77.6980



72.0759, 63.4909, 72.1420



75.9559, 86.8717, 107.3724



18.2784, 18.0947, 20.0830



22.6091, 11.5329, 6.5921



2.2513, 1.1429, 0.9047

Previews

White Background



This preview shows how the XYZ color 75.4117, 68.7215, 77.6966 looks on a white background.

Color Contrast Check

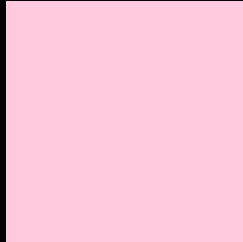
Large Text (above 18pt) WCAG AA × Fail

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 75.4117, 68.7215, 77.6966 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 75.4117, 68.7215, 77.6966

Background



This preview shows how black text looks on a background with the XYZ color 75.4117, 68.7215, 77.6966.



This preview shows how white text looks on a background with the XYZ color 75.4117, 68.7215,

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

75.4117, 68.7215, 77.6966

Protanopia

67.0586, 69.0097, 83.9146

Deuteranopia

70.5569, 69.0934, 77.3277



Tritanopia

75.0154, 68.5630, 75.6099

Trichromacy



Original Color

75.4117, 68.7215, 77.6966

Protanomaly

69.7291, 68.5731, 81.5123

Deuteranomaly

72.1932, 68.8476, 77.1941

Tritanomaly

75.1467, 68.6155, 76.3013

Monochromacy



Original Color

75.4117, 68.7215, 77.6966

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.3168, 70.0794, 77.5307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4117, 68.7215, 77.6966 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, 202, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.4117, 68.7215, 77.6966 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, 202, 221) }
```


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

```
.border{ border-color:rgb(255, 202, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4117, 68.7215, 77.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 221) }
```

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

```
.background{ background-color: rgb(255,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor