

Converting Colors

XYZ(73.8181, 67.6572, 77.7038)

Have a look what the booklet for
XYZ(73.8181, 67.6572, 77.7038)
contains.

XYZ(73.7215, 67.5030, 77.5504)	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(73.7215, 67.5030,
77.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC9DD
RGB	251, 201, 221
RGB Percent	98%, 79%, 87%
CMY	0.0157, 0.2117, 0.1333
CMYK	0.00, 0.20, 0.12, 0.02
HSL	336°, 86%, 89%
HSV	336°, 20%, 98%
XYZ	73.7215, 67.5030, 77.5504
YIQ	218.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

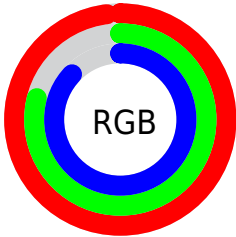
Format	Color
R_{YB}	251, 201, 221
Decimal	16501213
CIE _{Lab}	85.76, 20.79, -3.17
CIE _{LCh}	86, 21.028, 351.341
Yxy	67.5030, 0.3370, 0.3086
Android (android.graphics.Color)	4294691293 (0xFFFB9DD)
YUV	218.2300, 1.3656, 28.7393
Hunter-Lab	82.1602, 16.3858, 1.5488

Details

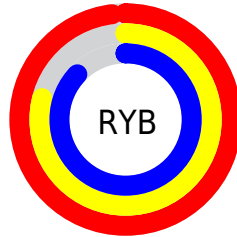
The XYZ color **73.7215, 67.5030, 77.5504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0112, 87.1833, 88.5856**, and the grayscale version is **66.7804, 70.2582, 76.5112**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5648, 35.0899, 40.7641** is the 20% darker color. If you saturate the color by 10%, you get **66.4242, 55.9765, 65.6578**, and if you desaturate by 10%, it is **82.1587, 81.0196, 90.7128**.

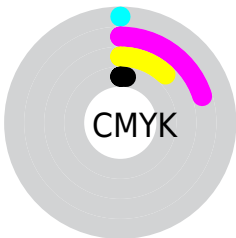
Distribution



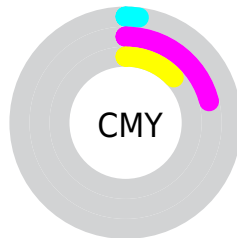
- Red (98%)
- Green (79%)
- Blue (87%)



- Red (98%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7215, 67.5030, 77.5504 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 73.7215, 67.5030, 77.5504 by changing the saturation by 10% instead.

 73.7215, 67.5030,
77.5504

 73.7215, 67.5030,
77.5504


462.5768,
451.7331, 506.1260

 54.8566, 49.4935,
57.1905


123.4986,
115.6409, 131.6962

 39.5203, 35.0111,
40.7478

155.1414,
146.5380, 166.3192

 27.3473, 23.6714,
27.8039


191.7743,
182.4999, 206.5336

 17.9721, 15.0901,
17.9401

233.7626,
223.9108, 252.7580

 11.0296, 8.8826,
10.7380

281.4717,
271.1552, 305.4109

 6.1542, 4.6647,
5.7790

335.2668,

 2.9806, 2.0519,

324.6174, 364.9108

2.6446

395.5134,
384.6819, 431.6763

■ 1.1435, 0.6374,
0.9153

■ 0.0611, 0.0000,
0.0000

■ 73.7215, 67.5030,
77.5504

■ 73.7215, 67.5030,
77.5504

■ 66.4242, 55.9765,
65.6578

■ 82.1587, 81.0196,
90.7128

■ 60.2100, 46.3364,
54.9905

■ 91.7779, 96.6056,
105.1790

■ 55.0257, 38.4833,
45.5072

■ 93.5941, 99.2494,
108.8319

■ 50.8110, 32.3050,
37.1627

■ 47.4991, 27.6762,
29.9081

■ 45.0140, 24.4542,
23.6900

■ 43.2658, 22.4688,
18.4490

■ 42.1113, 21.4439,
14.1059

■ 42.1031, 21.4371,
14.0736

Harmonies

Analogous

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



71.6386, 67.5030, 91.2754



73.7215, 67.5030, 77.5504



73.1443, 67.5030, 64.2951

Triad

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



73.7215, 67.5030, 77.5504



60.8596, 67.5030, 51.5292



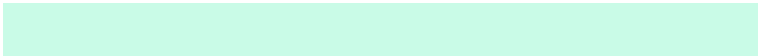
58.5660, 67.5030, 96.1280

Complementary

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



73.7215, 67.5030, 77.5504



73.0112, 87.1833, 88.5856

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.



55.9425, 67.5030, 83.5425



73.7215, 67.5030, 77.5504



57.2201, 67.5030, 58.1953

Square

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



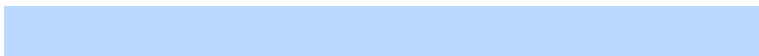
73.7215, 67.5030, 77.5504



65.5589, 67.5030, 50.3460



55.4624, 67.5030, 69.5918



62.7803, 67.5030, 102.8441

Rectangle

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



73.7215, 67.5030, 77.5504



71.3402, 67.5030, 57.3882



55.4624, 67.5030, 69.5918



57.4777, 67.5030, 92.3745

Sweetspot

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



73.7234, 67.5060, 77.5518



88.9186, 90.0464, 99.7375



71.2568, 65.7306, 100.1994



18.8952, 19.0520, 21.1408



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

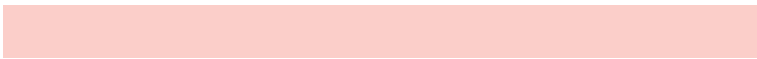
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7234, 67.5060, 77.5518



73.1784, 64.8311, 75.1763



72.4000, 68.8720, 64.7397



17.5322, 17.3402, 19.3923



22.1981, 11.2949, 7.7514



2.1067, 1.0664, 0.9852

Inverse Universe

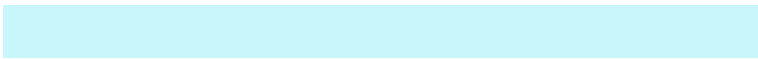
The Inverse Universe completely reimagines the original color for something new.



73.7234, 67.5060, 77.5518



73.1784, 64.8311, 75.1763



74.4580, 85.2960, 103.8072



17.5322, 17.3402, 19.3923



22.1981, 11.2949, 7.7514



2.1067, 1.0664, 0.9852

Previews

White Background



This preview shows how the XYZ color 73.7215, 67.5030, 77.5504 looks on a white background.

Color Contrast Check

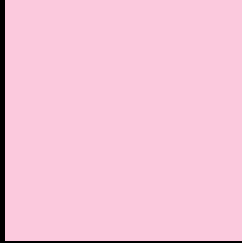
Large Text (above 18pt) WCAG AA × Fail

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 73.7215, 67.5030, 77.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

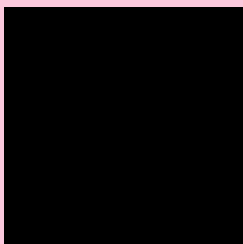
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7215, 67.5030, 77.5504

Background



This preview shows how black text looks on a background with the XYZ color 73.7215, 67.5030, 77.5504.



This preview shows how white text looks on a background with the XYZ color 73.7215, 67.5030,

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

73.7215, 67.5030, 77.5504

Protanopia

65.8222, 67.6370, 82.9848

Deuteranopia

69.0784, 67.6027, 77.1179



Tritanopia

73.4286, 67.7600, 74.8545

Trichromacy



Original Color

73.7215, 67.5030, 77.5504

Protanomaly

68.3860, 67.5312, 80.6646

Deuteranomaly

70.6848, 67.3552, 76.9855

Tritanomaly

73.5591, 67.8122, 75.5418

Monochromacy



Original Color

73.7215, 67.5030, 77.5504

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.9628, 69.0244, 76.7062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7215, 67.5030, 77.5504 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(251, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 201, 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(251, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.7215, 67.5030, 77.5504 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(251, 201, 221) }
```


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

```
.border{ border-color:rgb(251, 201, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 201, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7215, 67.5030, 77.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 201, 221) }
```

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

```
.background{ background-color: rgb(251,  
201, 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