

Converting Colors

XYZ(75.9449, 70.1459, 76.9486)

Have a look what the booklet for
XYZ(75.9449, 70.1459, 76.9486)
contains.

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Color

**XYZ(75.9896, 70.0900,
77.2338)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDDC
RGB	255, 205, 220
RGB Percent	100%, 80%, 86%
CMY	0.0000, 0.1961, 0.1372
CMYK	0.00, 0.20, 0.14, 0.00
HSL	342°, 100%, 90%
HSV	342°, 20%, 100%
XYZ	75.9896, 70.0900, 77.2338
YIQ	221.6600, 24.9850, 15.2650

Conversions

Conversions Part 2

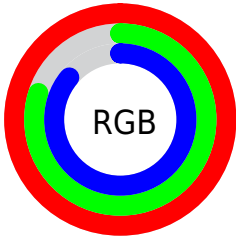
Format	Color
R _{YB}	255, 205, 220
Decimal	16764380
CIE Lab	87.04, 19.92, -0.71
CIE LCh	87, 19.932, 357.961
Yxy	70.0900, 0.3403, 0.3139
Android (android.graphics.Color)	4294954460 (0xFFFFCDDC)
YUV	221.6600, -0.8184, 29.2392
Hunter-Lab	83.7198, 15.5088, 3.9072

Details

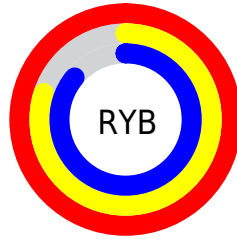
The XYZ color **75.9896, 70.0900, 77.2338** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6674, 90.7916, 95.9255**, and the grayscale version is **69.1861, 72.7892, 79.2674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1468, 36.8556, 40.5425** is the 20% darker color. If you saturate the color by 10%, you get **68.1402, 57.9749, 63.5691**, and if you desaturate by 10%, it is **85.0889, 84.3002, 92.5626**.

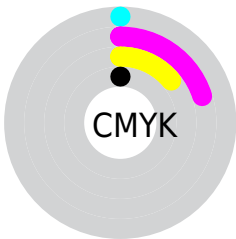
Distribution



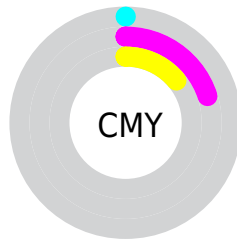
- Red (100%)
- Green (80%)
- Blue (86%)



- Red (100%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9896, 70.0900, 77.2338 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 75.9896, 70.0900, 77.2338 by changing the saturation by 10% instead.


 75.9896, 70.0900,
77.2338

 75.9896, 70.0900,
77.2338


470.2570,
460.8659, 505.0196

 56.7210, 51.5999,
56.9321

126.6926,
119.3371, 131.2455

 41.0206, 36.6863,
40.5417

158.8578,
150.8629, 165.7925

 28.5229, 24.9647,
27.6442


196.0525,
187.5027, 205.9251

 18.8627, 16.0507,
17.8209

238.6422,
229.6409, 252.0617

 11.6745, 9.5601,
10.6534

286.9921,
277.6620, 304.6209

 6.5931, 5.1083,
5.7230

341.4676,

 3.2530, 2.3109,

331.9502, 364.0213

2.6114

402.4342,
392.8901, 430.6814

■ 1.2889, 0.7795,
0.8983

■ 0.1749, 0.0000,
0.0000

■ 75.9896, 70.0900,
77.2338

■ 75.9896, 70.0900,
77.2338

■ 68.1402, 57.9749,
63.5691

■ 85.0889, 84.3002,
92.5626

■ 61.4797, 47.8465,
51.5065

95.0500, 100.0000,
108.9000

■ 55.9494, 39.6003,
40.9865

■ 51.4834, 33.1188,
31.9438

■ 48.0088, 28.2706,
24.3083

■ 45.4429, 24.9064,
18.0034

■ 43.6881, 22.8484,
12.9438

■ 42.5972, 21.8203,
9.0229

■ 42.5614, 21.7886,
8.8886

Harmonies

Analogous

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



74.5141, 70.0900, 90.7697



75.9896, 70.0900, 77.2338



74.8585, 70.0900, 64.8952

Triad

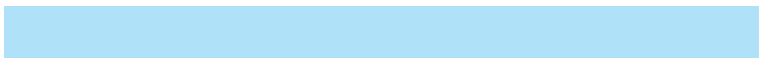
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9896, 70.0900, 77.2338



62.5011, 70.0900, 55.8023



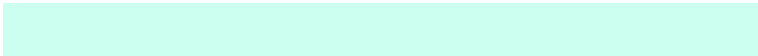
61.9728, 70.0900, 100.2262

Complementary

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



75.9896, 70.0900, 77.2338



76.6674, 90.7916, 95.9255

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.



59.0064, 70.0900, 89.0040



75.9896, 70.0900, 77.2338



59.3012, 70.0900, 63.4845

Square

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



75.9896, 70.0900, 77.2338



66.9381, 70.0900, 53.4168



58.0512, 70.0900, 75.4057



66.2998, 70.0900, 104.9716

Rectangle

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



75.9896, 70.0900, 77.2338



72.8066, 70.0900, 58.7848



58.0512, 70.0900, 75.4057



60.7912, 70.0900, 97.0265

Sweetspot

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



75.9913, 70.0930, 77.2353



88.6849, 89.9529, 98.5067



75.8186, 69.4112, 104.0094



18.8401, 19.0299, 20.8504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

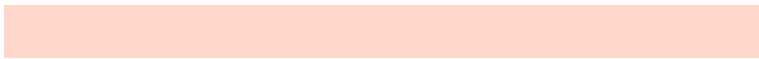
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9913, 70.0930, 77.2353



72.3907, 64.5160, 71.0283



76.5619, 74.2715, 68.0621



18.2336, 18.0767, 19.8472



22.2964, 11.4079, 4.9454



2.2167, 1.1291, 0.7226

Inverse Universe

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



75.9913, 70.0930, 77.2353



72.3907, 64.5160, 71.0283



75.8813, 85.5056, 107.1126



18.2336, 18.0767, 19.8472



22.2964, 11.4079, 4.9454



2.2167, 1.1291, 0.7226

Previews

White Background



This preview shows how the XYZ color 75.9896, 70.0900, 77.2338 looks on a white background.

Color Contrast Check

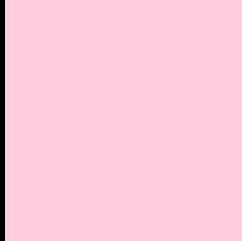
Large Text (above 18pt) WCAG AA × Fail

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 75.9896, 70.0900, 77.2338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

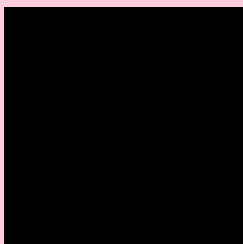
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9896, 70.0900, 77.2338

Background



This preview shows how black text looks on a background with the XYZ color 75.9896, 70.0900, 77.2338.



This preview shows how white text looks on a background with the XYZ color 75.9896, 70.0900,

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

75.9896, 70.0900, 77.2338

Protanopia

68.1932, 70.3874, 82.6650

Deuteranopia

71.6771, 70.0537, 76.7618



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

75.9896, 70.0900, 77.2338

Protanomaly

70.8531, 70.2940, 80.3547

Deuteranomaly

73.2428, 70.1279, 76.6936

Tritanomaly

76.1225, 70.1431, 77.9335

Monochromacy



Original Color

75.9896, 70.0900, 77.2338

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.5387, 71.8246, 78.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9896, 70.0900, 77.2338 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, 205, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 220)  
}
```

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, 205, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.9896, 70.0900, 77.2338 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, 205, 220) }
```


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

```
.border{ border-color:rgb(255, 205, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9896, 70.0900, 77.2338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 220) }
```

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

```
.background{ background-color: rgb(255,  
205, 220) }
```

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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