

Converting Colors

XYZ(87.5855, 76.7984, 73.0349)

Have a look what the booklet for
XYZ(87.5855, 76.7984, 73.0349)
contains.

XYZ(75.5631, 70.6897, 72.6127)	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(75.5631, 70.6897,
72.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD5
RGB	255, 207, 213
RGB Percent	100%, 81%, 84%
CMY	0.0000, 0.1882, 0.1647
CMYK	0.00, 0.19, 0.16, 0.00
HSL	353°, 100%, 91%
HSV	353°, 19%, 100%
XYZ	75.5631, 70.6897, 72.6127
YIQ	222.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

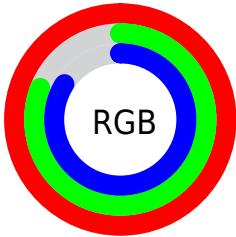
Format	Color
R _Y B	255, 207, 213
Decimal	16764885
CIE _{Lab}	87.33, 17.79, 3.43
CIE _{LCh}	87, 18.113, 10.905
Y _{xy}	70.6897, 0.3452, 0.3230
Android (android.graphics.Color)	4294954965 (0xFFFFCFD5)
Y _{UV}	222.0360, -4.4547, 28.9094
Hunter-Lab	84.0772, 13.2892, 7.6486

Details

The XYZ color **75.5631, 70.6897, 72.6127** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5934, 91.6261, 103.1695**, and the grayscale version is **69.4753, 73.0934, 79.5987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8515, 37.2569, 37.3859** is the 20% darker color. If you saturate the color by 10%, you get **67.2365, 58.2617, 56.8117**, and if you desaturate by 10%, it is **85.2803, 85.2749, 90.8018**.

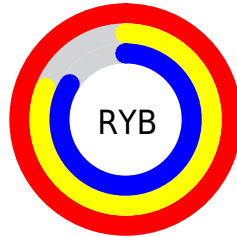
Distribution



Red (100%)

Green (81%)

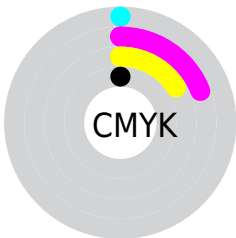
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

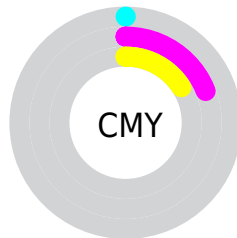


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5631, 70.6897, 72.6127 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 75.5631, 70.6897, 72.6127 by changing the saturation by 10% instead.


 75.5631, 70.6897,
72.6127

 75.5631, 70.6897,
72.6127


468.8182,
462.9680, 488.7061

 56.3701, 52.0890,
53.1694


126.0928,
120.1918, 124.6430

 40.7379, 37.0760,
37.5494


158.1602,
151.8620, 158.0672

 28.3011, 25.2664,
25.3340

195.2498,
188.6575, 196.9888

 18.6944, 16.2756,
16.1048

237.7270,
230.9626, 241.8262

 11.5523, 9.7194,
9.4432

285.9570,
279.1619, 292.9982

 6.5097, 5.2133,
4.9306

340.3054,

 3.2010, 2.3730,

333.6396, 350.9231

2.1486

401.1373,
394.7801, 416.0196

■ 1.2609, 0.8119,
0.6445

■ 0.1537, 0.0000,
0.0000

■ 75.5631, 70.6897,
72.6127

■ 75.5631, 70.6897,
72.6127

■ 67.2365, 58.2617,
56.8117

■ 85.2803, 85.2749,
90.8018

■ 60.2321, 47.8800,
43.2952

95.0500, 100.0000,
108.9000

■ 54.4829, 39.4373,
31.9584

■ 49.9141, 32.8131,
22.6867

■ 46.4427, 27.8733,
15.3547

■ 43.9749, 24.4651,
9.8235

■ 42.4009, 22.4081,
5.9352

■ 41.5684, 21.4436,
3.4985

■ 41.4987, 21.3635,
3.2926

Harmonies

Analogous

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



75.2359, 70.6897, 84.9069



75.5631, 70.6897, 72.6127



73.5760, 70.6897, 62.5977

Triad

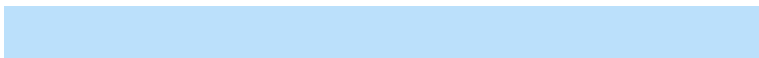
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5631, 70.6897, 72.6127



61.9626, 70.6897, 60.5548



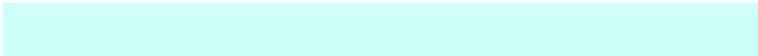
64.5425, 70.6897, 101.3525

Complementary

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



75.5631, 70.6897, 72.6127



78.5934, 91.6261, 103.1695

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.



61.1817, 70.6897, 93.3872



75.5631, 70.6897, 72.6127



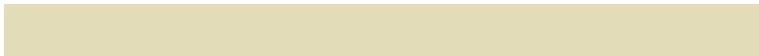
59.7363, 70.6897, 69.5421

Square

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



75.5631, 70.6897, 72.6127



65.6496, 70.6897, 56.1421



59.4566, 70.6897, 81.4963



68.7512, 70.6897, 102.3986

Rectangle

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



75.5631, 70.6897, 72.6127



71.2536, 70.6897, 58.2241



59.4566, 70.6897, 81.4963



63.2809, 70.6897, 99.3588

Sweetspot

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



75.5647, 70.6927, 72.6142



88.2805, 89.7912, 96.3772



79.2890, 71.9150, 104.3097



18.7448, 18.9918, 20.3486



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

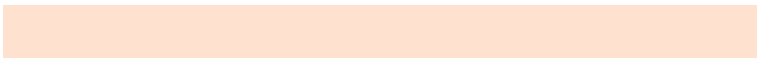
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5647, 70.6927, 72.6142



71.9193, 65.2421, 65.7261



79.3214, 79.4017, 70.1807



18.1017, 18.0240, 19.1526



21.7125, 11.1743, 1.8707



2.1418, 1.0991, 0.3279

Inverse Universe

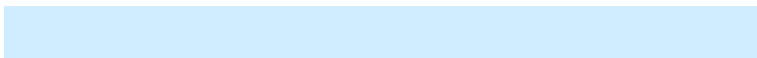
The Inverse Universe completely reimagines the original color for something new.



75.5647, 70.6927, 72.6142



71.9193, 65.2421, 65.7261



74.1846, 81.2878, 106.3879



18.1017, 18.0240, 19.1526



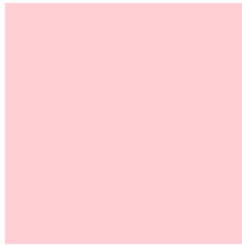
21.7125, 11.1743, 1.8707



2.1418, 1.0991, 0.3279

Previews

White Background



This preview shows how the XYZ color 75.5631, 70.6897, 72.6127 looks on a white background.

Color Contrast Check

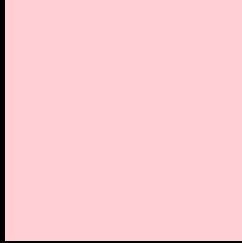
Large Text (above 18pt) WCAG AA × Fail

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 75.5631, 70.6897, 72.6127 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 75.5631, 70.6897, 72.6127

Background



This preview shows how black text looks on a background with the XYZ color 75.5631, 70.6897, 72.6127.



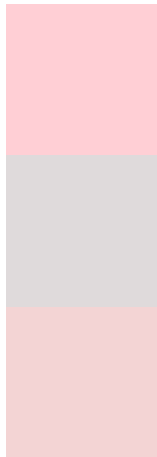
This preview shows how white text looks on a background with the XYZ color 75.5631, 70.6897,

72.6127.

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

75.5631, 70.6897, 72.6127

Protanopia

68.2890, 70.9453, 77.1124

Deuteranopia

72.3893, 70.8951, 72.1562



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

75.5631, 70.6897, 72.6127

Protanomaly

70.8319, 70.7651, 75.5714

Deuteranomaly

73.2880, 70.6208, 72.0558

Tritanomaly

76.0975, 70.5171, 76.6182

Monochromacy



Original Color

75.5631, 70.6897, 72.6127

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.5307, 72.2326, 77.1900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5631, 70.6897, 72.6127 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, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 213)  
}
```

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, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.5631, 70.6897, 72.6127 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, 207, 213) }
```


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

```
.border{ border-color:rgb(255, 207, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5631, 70.6897, 72.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 213) }
```

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

```
.background{ background-color: rgb(255,  
207, 213) }
```

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