

Converting Colors

XYZ(103.5373, 85.9180,
72.9186)

Have a look what the booklet for
XYZ(103.5373, 85.9180, 72.9186)
contains.

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Color

**XYZ(75.7983, 71.5641,
71.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D3
RGB	255, 209, 211
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1804, 0.1725
CMYK	0.00, 0.18, 0.17, 0.00
HSL	357°, 100%, 91%
HSV	357°, 18%, 100%
XYZ	75.7983, 71.5641, 71.4463
YIQ	222.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

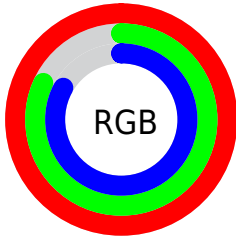
Format	Color
R _Y B	255, 209, 211
Decimal	16765395
CIE Lab	87.76, 16.44, 5.10
CIE LCh	88, 17.210, 17.234
Yxy	71.5641, 0.3464, 0.3271
Android (android.graphics.Color)	4294955475 (0xFFFFD1D3)
YUV	222.9820, -5.9071, 28.0798
Hunter-Lab	84.5956, 11.8952, 9.1427

Details

The XYZ color **75.7983, 71.5641, 71.4463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7866, 92.1684, 106.5175**, and the grayscale version is **70.1553, 73.8089, 80.3779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9301, 37.5513, 36.9892** is the 20% darker color. If you saturate the color by 10%, you get **67.2058, 58.9073, 54.6220**, and if you desaturate by 10%, it is **85.8598, 86.4154, 91.0516**.

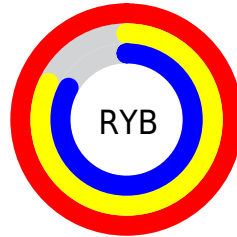
Distribution



Red (100%)

Green (82%)

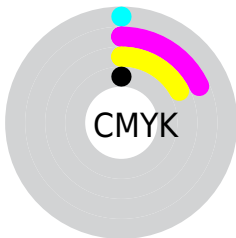
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

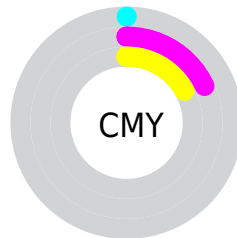


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7983, 71.5641, 71.4463 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 75.7983, 71.5641, 71.4463 by changing the saturation by 10% instead.


 75.7983, 71.5641,
71.4463

 75.7983, 71.5641,
71.4463


469.6120,
466.0230, 484.5377

 56.5636, 52.8027,
52.2224


126.4236,
121.4366, 122.9694

 40.8937, 37.6453,
36.7989


158.5450,
153.3164, 156.1056

 28.4234, 25.7075,
24.7573


195.6926,
190.3379, 194.7165

 18.7871, 16.6049,
15.6789

238.2318,
232.8853, 239.2204

 11.6197, 9.9532,
9.1454

286.5280,
281.3432, 290.0359

 6.5556, 5.3680,
4.7380

340.9465,

 3.2296, 2.4647,

336.0958, 347.5816

2.0383

401.8527,
397.5276, 412.2760

■ 1.2763, 0.8589,
0.5787

■ 0.1654, 0.0000,
0.0000

■ 75.7983, 71.5641,
71.4463

■ 75.7983, 71.5641,
71.4463

■ 67.2058, 58.9073,
54.6220

■ 85.8598, 86.4154,
91.0516

■ 60.0086, 48.3321,
40.4485

95.0500, 100.0000,
108.9000

■ 54.1345, 39.7299,
28.7920

■ 49.5031, 32.9786,
19.5054

■ 46.0247, 27.9422,
12.4260

■ 43.5982, 24.4664,
7.3710

■ 42.1044, 22.3693,
4.1280

■ 41.3868, 21.4056,
2.4348

■ 41.3008, 21.2843,
2.2500

Harmonies

Analogous

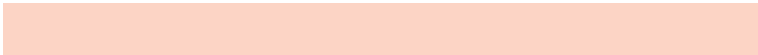
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9688, 71.5641, 82.9966



75.7983, 71.5641, 71.4463



73.4918, 71.5641, 62.5500

Triad

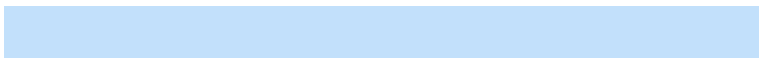
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7983, 71.5641, 71.4463



62.4162, 71.5641, 63.6272



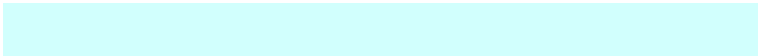
66.2992, 71.5641, 101.9759

Complementary

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



75.7983, 71.5641, 71.4463



79.7866, 92.1684, 106.5175

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.



62.8259, 71.5641, 95.6242



75.7983, 71.5641, 71.4463



60.6451, 71.5641, 73.0569

Square

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



75.7983, 71.5641, 71.4463



65.7194, 71.5641, 58.3555



60.7920, 71.5641, 84.7758



70.3727, 71.5641, 101.4338

Rectangle

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



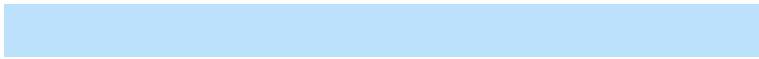
75.7983, 71.5641, 71.4463



71.1035, 71.5641, 58.9697



60.7920, 71.5641, 84.7758



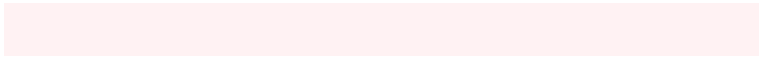
65.0260, 71.5641, 100.5515

Sweetspot

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



75.8001, 71.5672, 71.4478



89.2145, 91.3724, 97.5727



81.2510, 73.6504, 104.5413



18.9267, 19.3079, 20.5565



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.



75.8001, 71.5672, 71.4478



72.2223, 66.2936, 64.4538



80.9638, 82.2925, 71.9425



18.0413, 17.9998, 18.8347



21.5942, 11.1270, 1.2478



2.1133, 1.0877, 0.1780

Inverse Universe

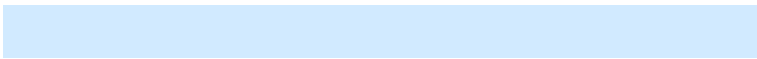
The Inverse Universe completely reimagines the original color for something new.



75.8001, 71.5672, 71.4478



72.2223, 66.2936, 64.4538



73.8554, 79.7944, 106.1170



18.0413, 17.9998, 18.8347



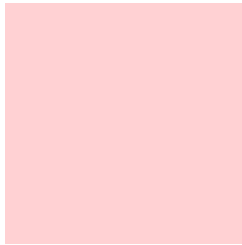
21.5942, 11.1270, 1.2478



2.1133, 1.0877, 0.1780

Previews

White Background



This preview shows how the XYZ color 75.7983, 71.5641, 71.4463 looks on a white background.

Color Contrast Check

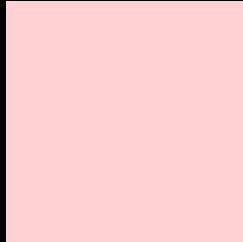
Large Text (above 18pt) WCAG AA × Fail

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 75.7983, 71.5641, 71.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

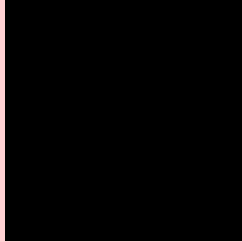
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7983, 71.5641, 71.4463

Background



This preview shows how black text looks on a background with the XYZ color 75.7983, 71.5641, 71.4463.



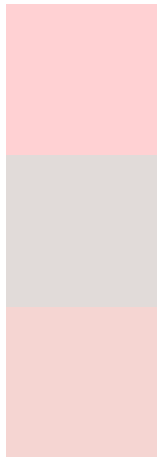
This preview shows how white text looks on a background with the XYZ color 75.7983, 71.5641,

71.4463.

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

75.7983, 71.5641, 71.4463

Protanopia

68.9072, 71.6803, 75.8495

Deuteranopia

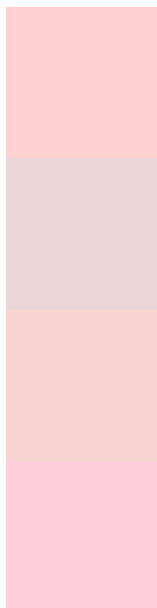
73.0833, 71.6541, 70.9515



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

75.7983, 71.5641, 71.4463

Protanomaly

71.1583, 71.3400, 74.3095

Deuteranomaly

74.2433, 71.8798, 70.9339

Tritanomaly

76.5821, 71.4862, 76.7797

Monochromacy



Original Color

75.7983, 71.5641, 71.4463

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1185, 72.9194, 77.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7983, 71.5641, 71.4463 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, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 211) }
```

Border

The CSS property to change the border of an element to XYZ 75.7983, 71.5641, 71.4463 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, 209, 211) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7983, 71.5641, 71.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 211) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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