

Converting Colors

XYZ(78.5871, 75.0667, 72.2855)

Have a look what the booklet for
XYZ(78.5871, 75.0667, 72.2855)
contains.

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Color

**XYZ(77.2983, 74.5640,
71.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D3
RGB	255, 215, 211
RGB Percent	100%, 84%, 83%
CMY	0.0000, 0.1568, 0.1725
CMYK	0.00, 0.16, 0.17, 0.00
HSL	5°, 100%, 91%
HSV	5°, 17%, 100%
XYZ	77.2983, 74.5640, 71.9463
YIQ	226.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

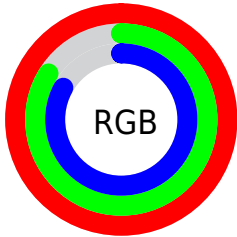
Format	Color
R _Y B	255, 215, 211
Decimal	16766931
CIE Lab	89.19, 13.31, 7.16
CIE LCh	89, 15.115, 28.274
Yxy	74.5640, 0.3454, 0.3332
Android (android.graphics.Color)	4294957011 (0xFFFFD7D3)
YUV	226.5040, -7.6435, 24.9910
Hunter-Lab	86.3504, 8.6745, 11.0455

Details

The XYZ color **77.2983, 74.5640, 71.9463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4102, 90.0607, 107.8058**, and the grayscale version is **72.6960, 76.4819, 83.2888**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9453, 39.5817, 37.3276** is the 20% darker color. If you saturate the color by 10%, you get **68.8617, 62.4073, 54.5935**, and if you desaturate by 10%, it is **87.0818, 88.6023, 92.2518**.

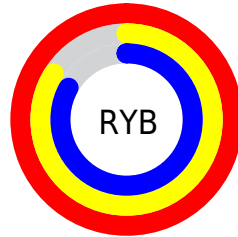
Distribution



Red (100%)

Green (84%)

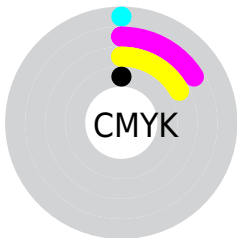
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

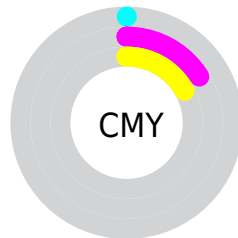


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.2983, 74.5640, 71.9463 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 77.2983, 74.5640, 71.9463 by changing the saturation by 10% instead.


 77.2983, 74.5640,
71.9463

 77.2983, 74.5640,
71.9463


474.6568,
476.4176, 486.3272

 57.7985, 55.2558,
52.6282


128.5311,
125.6950, 123.6872

 41.8893, 39.6065,
37.1204


160.9948,
158.2866, 156.9471

 29.2054, 27.2319,
25.0042


198.5105,
196.0747, 195.6914

 19.3813, 17.7475,
15.8611

241.4436,
239.4438, 240.3386

 12.0518, 10.7688,
9.2727

290.1594,
288.7782, 291.3072

 6.8514, 5.9116,
4.8202

345.0233,

 3.4148, 2.7914,

344.4624, 349.0158

2.0853

406.4007,
406.8808, 413.8830

■ 1.3767, 1.0238,
0.6070

■ 0.2396, 0.0000,
0.0000

■ 77.2983, 74.5640,
71.9463

■ 77.2983, 74.5640,
71.9463

■ 68.8617, 62.4073,
54.5935

■ 87.0818, 88.6023,
92.2518

■ 61.7078, 52.0432,
40.0514

95.0500, 100.0000,
108.9000

■ 55.7753, 43.3896,
28.1735

■ 50.9955, 36.3544,
18.7978

■ 47.2931, 30.8369,
11.7450

■ 44.5835, 26.7249,
6.8118

■ 42.7694, 23.8907,
3.7597

■ 41.7319, 22.1824,
2.2832

■ 41.5506, 21.8811,
2.0335

Harmonies

Analogous

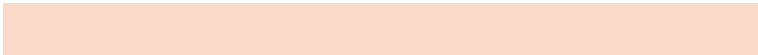
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1944, 74.5640, 81.8003



77.2983, 74.5640, 71.9463



74.6638, 74.5640, 65.1162

Triad

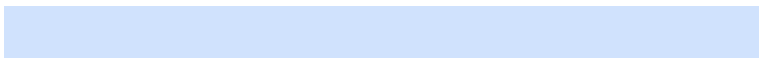
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2983, 74.5640, 71.9463



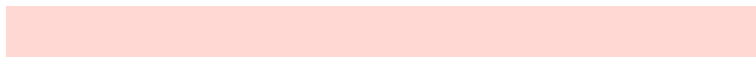
65.0112, 74.5640, 70.9739



70.6576, 74.5640, 103.2153

Complementary

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



77.2983, 74.5640, 71.9463



79.4102, 90.0607, 107.8058

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.



67.2085, 74.5640, 99.7069



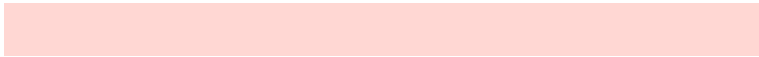
77.2983, 74.5640, 71.9463



64.0195, 74.5640, 80.5778

Square

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



77.2983, 74.5640, 71.9463



67.5660, 74.5640, 64.5899



64.8099, 74.5640, 91.1880



74.2817, 74.5640, 100.4096

Rectangle

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



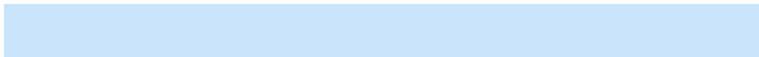
77.2983, 74.5640, 71.9463



72.3211, 74.5640, 62.8893



64.8099, 74.5640, 91.1880



69.4401, 74.5640, 102.7297

Sweetspot

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



77.3001, 74.5672, 71.9478



89.4782, 92.0330, 97.2495



81.9999, 74.8354, 101.6655



18.9905, 19.4677, 20.4783



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

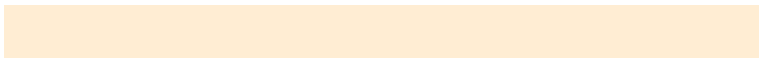
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3001, 74.5672, 71.9478



73.9850, 69.7969, 65.1090



83.1860, 86.3391, 73.9098



18.1423, 18.2527, 18.7113



21.7556, 11.5224, 1.0774



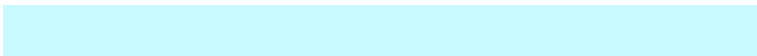
2.1611, 1.2076, 0.1192

Inverse Universe

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



79.4102, 90.0607, 107.8058



76.4834, 88.1496, 107.5912



73.0263, 77.2929, 105.6779



18.4052, 20.1820, 23.1754



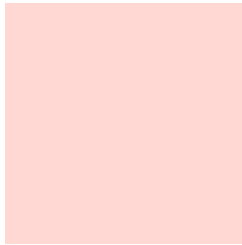
24.5374, 33.9843, 54.7010



2.4287, 3.3882, 5.3392

Previews

White Background



This preview shows how the XYZ color 77.2983, 74.5640, 71.9463 looks on a white background.

Color Contrast Check

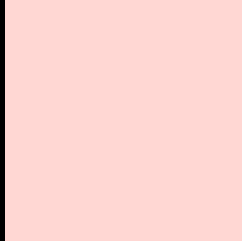
Large Text (above 18pt) WCAG AA × Fail

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 77.2983, 74.5640, 71.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

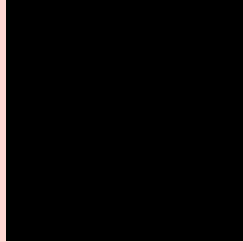
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2983, 74.5640, 71.9463

Background



This preview shows how black text looks on a background with the XYZ color 77.2983, 74.5640, 71.9463.



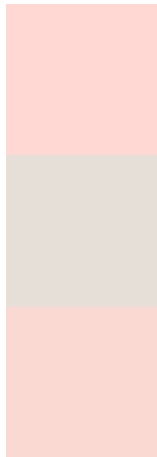
This preview shows how white text looks on a background with the XYZ color 77.2983, 74.5640,

71.9463.

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

77.2983, 74.5640, 71.9463

Protanopia

71.4155, 74.5562, 75.5925

Deuteranopia

76.3544, 74.8381, 72.0489



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

77.2983, 74.5640, 71.9463

Protanomaly

73.3274, 74.3922, 74.1127

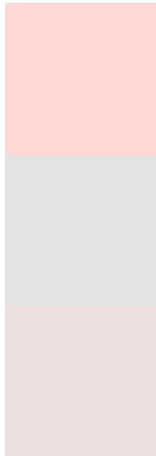
Deuteranomaly

76.4586, 74.5103, 71.9801

Tritanomaly

78.4714, 74.6271, 79.3758

Monochromacy



Original Color

77.2983, 74.5640, 71.9463

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3639, 76.0003, 79.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2983, 74.5640, 71.9463 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, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 77.2983, 74.5640, 71.9463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

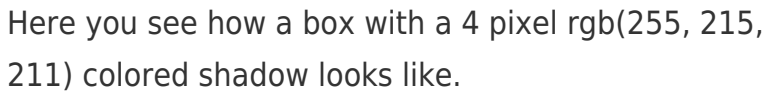
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 211) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 211); box-shadow:4px 4px 4px 4px rgb(255, 215, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2983, 74.5640, 71.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 211) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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