

Converting Colors

XYZ(79.9175, 74.6213, 71.0772)

Have a look what the booklet for
XYZ(79.9175, 74.6213, 71.0772)
contains.

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Color

**XYZ(76.4163, 73.0001,
71.0356)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4D2
RGB	255, 212, 210
RGB Percent	100%, 83%, 82%
CMY	0.0000, 0.1686, 0.1765
CMYK	0.00, 0.17, 0.18, 0.00
HSL	3°, 100%, 91%
HSV	3°, 18%, 100%
XYZ	76.4163, 73.0001, 71.0356
YIQ	224.6290, 26.2700, 8.4940

Conversions

Conversions Part 2

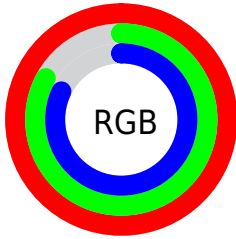
Format	Color
R _Y B	255, 212, 210
Decimal	16766162
CIE Lab	88.45, 14.72, 6.62
CIE LCh	88, 16.143, 24.216
Yxy	73.0001, 0.3466, 0.3311
Android (android.graphics.Color)	4294956242 (0xFFFFD4D2)
YUV	224.6290, -7.2121, 26.6354
Hunter-Lab	85.4401, 10.1275, 10.5139

Details

The XYZ color **76.4163, 73.0001, 71.0356** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7526, 91.1694, 108.0018**, and the grayscale version is **71.3402, 75.0554, 81.7353**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3464, 38.5200, 36.7084** is the 20% darker color. If you saturate the color by 10%, you get **67.8513, 60.5555, 53.7357**, and if you desaturate by 10%, it is **86.4101, 87.4915, 91.3109**.

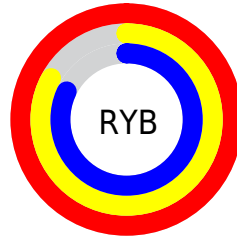
Distribution



Red (100%)

Green (83%)

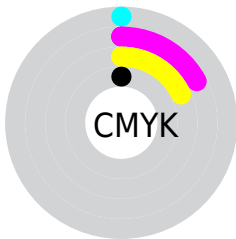
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

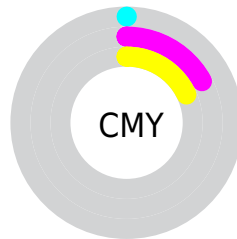


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4163, 73.0001, 71.0356 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 76.4163, 73.0001, 71.0356 by changing the saturation by 10% instead.


 76.4163, 73.0001,
71.0356

 76.4163, 73.0001,
71.0356


471.6941,
471.0152, 483.0649

 57.0722, 53.9760,
51.8892


127.2924,
123.4774, 122.3793

 41.3036, 38.5825,
36.5352


159.5551,
155.6993, 155.4138

 28.7451, 26.4351,
24.5548


196.8548,
193.0894, 193.9147

 19.0314, 17.1494,
15.5297

239.5567,
236.0320, 238.3006

 11.7971, 10.3411,
9.0413

288.0262,
284.9115, 288.9900

 6.6769, 5.6257,
4.6709

342.6287,

 3.3054, 2.6188,

340.1122, 346.4015

2.0002

403.7296,
402.0187, 410.9536

■ 1.3172, 0.9361,
0.5554

■ 0.1961, 0.0000,
0.0000

■ 76.4163, 73.0001,
71.0356

■ 76.4163, 73.0001,
71.0356

■ 67.8513, 60.5555,
53.7357

■ 86.4101, 87.4915,
91.3109

■ 60.6448, 50.0566,
39.2671

95.0500, 100.0000,
108.9000

■ 54.7286, 41.4078,
27.4804

■ 50.0264, 34.5019,
18.2106

■ 46.4541, 29.2207,
11.2748

■ 43.9164, 25.4311,
6.4651

■ 42.3029, 22.9794,
3.5371

■ 41.4748, 21.6770,
2.1705

■ 41.3638, 21.5077,
1.9713

Harmonies

Analogous

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



77.0781, 73.0001, 81.6585



76.4163, 73.0001, 71.0356



73.8408, 73.0001, 63.3750

Triad

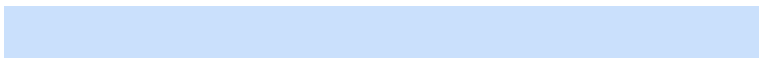
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4163, 73.0001, 71.0356



63.5042, 73.0001, 67.6295



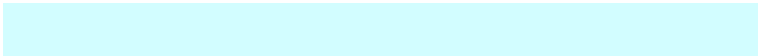
68.6349, 73.0001, 102.7041

Complementary

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



76.4163, 73.0001, 71.0356



79.7526, 91.1694, 108.0018

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.



65.1110, 73.0001, 98.1163



76.4163, 73.0001, 71.0356



62.2205, 73.0001, 77.3498

Square

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



76.4163, 73.0001, 71.0356



66.3678, 73.0001, 61.5406



62.7977, 73.0001, 88.5785



72.4910, 73.0001, 100.6162

Rectangle

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



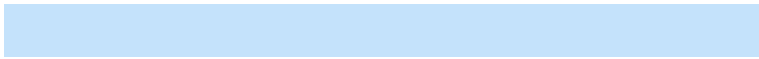
76.4163, 73.0001, 71.0356



71.4345, 73.0001, 60.6388



62.7977, 73.0001, 88.5785



67.3739, 73.0001, 101.8792

Sweetspot

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



76.4181, 73.0033, 71.0371



89.3008, 91.6782, 97.1904



82.0964, 74.4777, 103.3954



18.9476, 19.3818, 20.4640



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

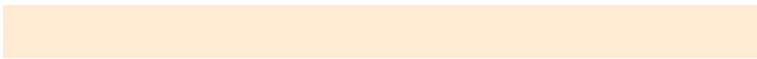
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4181, 73.0033, 71.0371



73.3895, 68.6059, 64.9105



82.2961, 84.7593, 72.9964



18.0743, 18.1167, 18.6886



21.6413, 11.2938, 1.0393



2.1290, 1.1433, 0.1085

Inverse Universe

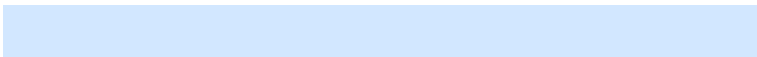
The Inverse Universe completely reimagines the original color for something new.



79.7526, 91.1694, 108.0018



77.2622, 89.7073, 107.8508



73.2049, 78.0741, 105.8192



18.4814, 20.3345, 23.2008



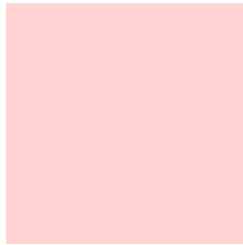
26.3093, 37.5282, 55.2916



2.5823, 3.6952, 5.3904

Previews

White Background



This preview shows how the XYZ color 76.4163, 73.0001, 71.0356 looks on a white background.

Color Contrast Check

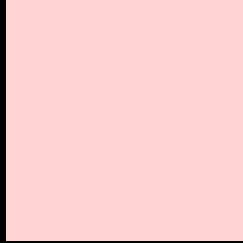
Large Text (above 18pt) WCAG AA × Fail

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 76.4163, 73.0001, 71.0356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

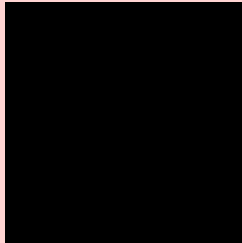
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4163, 73.0001, 71.0356

Background



This preview shows how black text looks on a background with the XYZ color 76.4163, 73.0001, 71.0356.



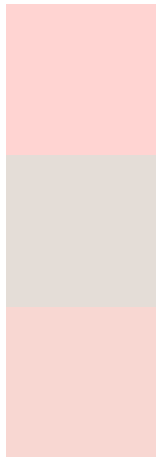
This preview shows how white text looks on a background with the XYZ color 76.4163, 73.0001,

71.0356.

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

76.4163, 73.0001, 71.0356

Protanopia

70.1171, 73.1132, 74.7067

Deuteranopia

74.6447, 73.2105, 71.1696



Tritanopia

78.0141, 72.8442, 81.9001

Trichromacy



Original Color

76.4163, 73.0001, 71.0356

Protanomaly

72.3415, 73.1240, 73.2523

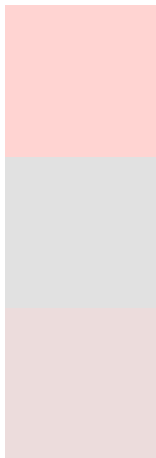
Deuteranomaly

75.4631, 73.2555, 71.1352

Tritanomaly

77.4525, 73.0158, 77.7214

Monochromacy



Original Color

76.4163, 73.0001, 71.0356

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1035, 74.1866, 78.1766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4163, 73.0001, 71.0356 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, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 210)  
}
```

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, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 210) }
```

Border

The CSS property to change the border of an element to XYZ 76.4163, 73.0001, 71.0356 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, 212, 210) }
```


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

```
.border{ border-color:rgb(255, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4163, 73.0001, 71.0356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 210) }
```

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

```
.background{ background-color: rgb(255,  
212, 210) }
```

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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