

Converting Colors

XYZ(126.9801, 100.0000,
73.0947)

Have a look what the booklet for
XYZ(126.9801, 100.0000, 73.0947)
contains.

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Color

**XYZ(76.7952, 73.9566,
70.5491)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD6D1 |
| RGB | 255, 214, 209 |
| RGB Percent | 100%, 84%, 82% |
| CMY | 0.0000, 0.1608, 0.1804 |
| CMYK | 0.00, 0.16, 0.18, 0.00 |
| HSL | 7°, 100%, 91% |
| HSV | 7°, 18%, 100% |
| XYZ | 76.7952, 73.9566, 70.5491 |
| YIQ | 225.6890, 26.0410, 7.1370 |

Conversions

Conversions Part 2

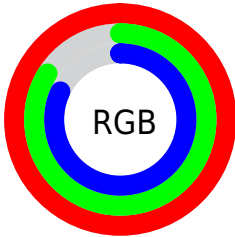
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 215, 209 |
| Decimal | 16766673 |
| CIE Lab | 88.90, 13.53, 7.80 |
| CIE LCh | 89, 15.619, 29.964 |
| Yxy | 73.9566, 0.3470, 0.3342 |
| Android (android.graphics.Color) | 4294956753 (0xFFFFD6D1) |
| YUV | 225.6890, -8.2277, 25.7057 |
| Hunter-Lab | 85.9980, 8.9018, 11.5596 |

Details

The XYZ color **76.7952, 73.9566, 70.5491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5291, 89.1438, 107.6753**, and the grayscale version is **72.1101, 75.8654, 82.6174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6032, 39.1686, 36.3779** is the 20% darker color. If you saturate the color by 10%, you get **68.5316, 62.0839, 53.4453**, and if you desaturate by 10%, it is **86.3700, 87.6426, 90.5847**.

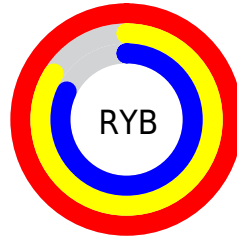
Distribution



Red (100%)

Green (84%)

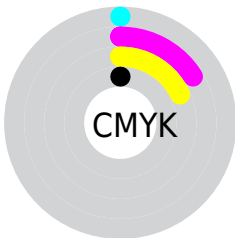
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

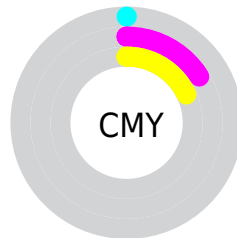


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7952, 73.9566, 70.5491 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 76.7952, 73.9566, 70.5491 by changing the saturation by 10% instead.

76.7952, 73.9566,
70.5491

76.7952, 73.9566,
70.5491

472.9681,
474.3236, 481.3168

57.3841, 54.7585,
51.4947

127.8247,
124.8343, 121.6799

41.5551, 39.2084,
36.2230

160.1739,
157.2827, 154.5935

28.9426, 26.9219,
24.3154

197.5665,
194.9166, 192.9638

19.1815, 17.5146,
15.3534

240.3679,
238.1205, 237.2096

11.9063, 10.6020,
8.9184

288.9433,
287.2788, 287.7492

6.7516, 5.7999,
4.5919

343.6583,

3.3522, 2.7238,

342.7758, 345.0012

1.9554

404.8781,
404.9959, 409.3842

■ 1.3426, 0.9893,
0.5276

■ 0.2148, 0.0000,
0.0000

■ 76.7952, 73.9566,
70.5491

■ 76.7952, 73.9566,
70.5491

■ 68.5316, 62.0839,
53.4453

■ 86.3700, 87.6426,
90.5847

■ 61.5170, 51.9393,
39.1314

95.0500, 100.0000,
108.9000

■ 55.6919, 43.4449,
27.4606

■ 50.9898, 36.5133,
18.2707

■ 47.3376, 31.0487,
11.3816

■ 44.6536, 26.9451,
6.5890

■ 42.8435, 24.0818,
3.6523

■ 41.7894, 22.3149,
2.2483

■ 41.6492, 22.0784,
2.0664

Harmonies

Analogous

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



77.8327, 73.9566, 80.5391



76.7952, 73.9566, 70.5491



74.0032, 73.9566, 63.7818

Triad

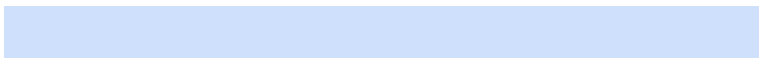
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7952, 73.9566, 70.5491



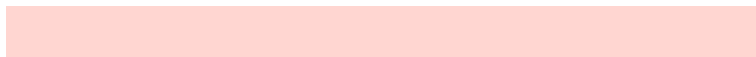
64.1739, 73.9566, 70.5285



70.2890, 73.9566, 103.2423

Complementary

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



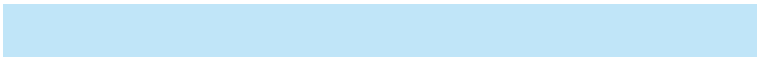
76.7952, 73.9566, 70.5491



78.5291, 89.1438, 107.6753

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.



66.7100, 73.9566, 99.9711



76.7952, 73.9566, 70.5491



63.2577, 73.9566, 80.5132

Square

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



76.7952, 73.9566, 70.5491



66.7176, 73.9566, 63.7707



64.1696, 73.9566, 91.4021



73.9950, 73.9566, 99.9861

Rectangle

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



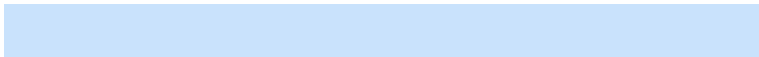
76.7952, 73.9566, 70.5491



71.5706, 73.9566, 61.6802



64.1696, 73.9566, 91.4021



69.0317, 73.9566, 102.8660

Sweetspot

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



76.7970, 73.9598, 70.5506



89.5462, 92.1691, 97.2722



81.3590, 73.7889, 100.7264



19.0070, 19.5006, 20.4838



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.



76.7970, 73.9598, 70.5506



73.3694, 69.0433, 63.4317



82.9175, 86.2009, 72.5908



18.1684, 18.3050, 18.7200



21.8134, 11.6381, 1.0967



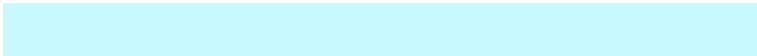
2.1734, 1.2322, 0.1233

Inverse Universe

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



78.5291, 89.1438, 107.6753



75.4203, 87.0357, 107.4322



71.9238, 75.9333, 105.4735



18.3761, 20.1239, 23.1657



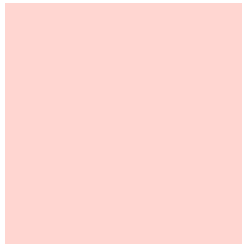
23.8892, 32.6880, 54.4849



2.3723, 3.2752, 5.3204

Previews

White Background



This preview shows how the XYZ color 76.7952, 73.9566, 70.5491 looks on a white background.

Color Contrast Check

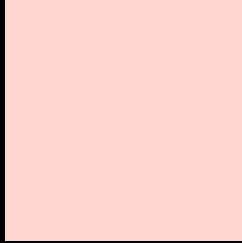
Large Text (above 18pt) WCAG AA × Fail

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 76.7952, 73.9566, 70.5491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

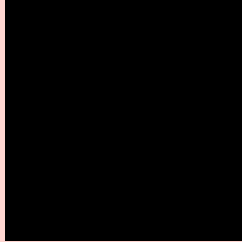
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7952, 73.9566, 70.5491

Background



This preview shows how black text looks on a background with the XYZ color 76.7952, 73.9566, 70.5491.



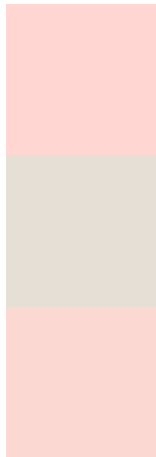
This preview shows how white text looks on a background with the XYZ color 76.7952, 73.9566,

70.5491.

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

76.7952, 73.9566, 70.5491

Protanopia

71.1584, 74.4534, 74.2388

Deuteranopia

75.8482, 74.2244, 70.6507



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

76.7952, 73.9566, 70.5491

Protanomaly

73.0735, 74.2906, 72.7755

Deuteranomaly

75.9539, 73.8998, 70.5825

Tritanomaly

77.9525, 74.0158, 77.8881

Monochromacy



Original Color

76.7952, 73.9566, 70.5491

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9646, 75.4144, 78.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7952, 73.9566, 70.5491 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, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 209)  
}
```

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, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 209) }
```

Border

The CSS property to change the border of an element to XYZ 76.7952, 73.9566, 70.5491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

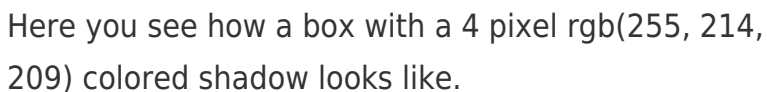
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 214, 209) }
```


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

```
.border{ border-color:rgb(255, 214, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7952, 73.9566, 70.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 209) }
```

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

```
.background{ background-color: rgb(255,  
214, 209) }
```

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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