

Converting Colors

XYZ(90.1147, 79.9488, 73.6809)

Have a look what the booklet for
XYZ(90.1147, 79.9488, 73.6809)
contains.

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Color

**XYZ(76.7937, 73.1511,
73.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4D5
RGB	255, 212, 213
RGB Percent	100%, 83%, 84%
CMY	0.0000, 0.1686, 0.1647
CMYK	0.00, 0.17, 0.16, 0.00
HSL	359°, 100%, 92%
HSV	359°, 17%, 100%
XYZ	76.7937, 73.1511, 73.0229
YIQ	224.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

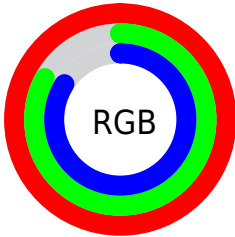
Format	Color
R _Y B	255, 212, 213
Decimal	16766165
CIE Lab	88.52, 15.18, 5.14
CIE LCh	89, 16.024, 18.720
Yxy	73.1511, 0.3444, 0.3281
Android (android.graphics.Color)	4294956245 (0xFFFFD4D5)
YUV	224.9710, -5.9017, 26.3354
Hunter-Lab	85.5284, 10.5957, 9.2490

Details

The XYZ color **76.7937, 73.1511, 73.0229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8033, 92.6740, 107.3990**, and the grayscale version is **71.5771, 75.3047, 82.0068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5172, 38.5883, 37.6078** is the 20% darker color. If you saturate the color by 10%, you get **67.9928, 60.2263, 55.6701**, and if you desaturate by 10%, it is **87.0906, 88.2898, 93.2720**.

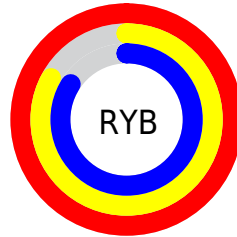
Distribution



Red (100%)

Green (83%)

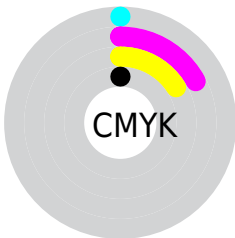
Blue (84%)



Red (100%)

Yellow (83%)

Blue (84%)

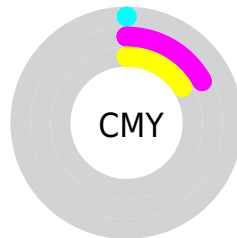


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7937, 73.1511, 73.0229 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 76.7937, 73.1511, 73.0229 by changing the saturation by 10% instead.


 76.7937, 73.1511,
73.0229

 76.7937, 73.1511,
73.0229


472.9631,
471.5383, 490.1671

 57.3829, 54.0995,
53.5028

127.8226,
123.6917, 125.2309

 41.5541, 38.6812,
37.8138


160.1714,
155.9495, 158.7559

 28.9419, 26.5118,
25.5375


197.5637,
193.3782, 197.7862

 19.1809, 17.2069,
16.2553

240.3646,
236.3621, 242.7405

 11.9059, 10.3821,
9.5487

288.9397,
285.2857, 294.0371

 6.7513, 5.6531,
4.9991

343.6542,

 3.3520, 2.6353,

340.5333, 352.0947

2.1880

404.8736,
402.4894, 417.3319

■ 1.3425, 0.9444,
0.6674

■ 0.2147, 0.0000,
0.0000

■ 76.7937, 73.1511,
73.0229

■ 76.7937, 73.1511,
73.0229

■ 67.9928, 60.2263,
55.6701

■ 87.0906, 88.2898,
93.2720

■ 60.6132, 49.4028,
41.0770

95.0500, 100.0000,
108.9000

■ 54.5820, 40.5724,
29.1027

■ 49.8177, 33.6137,
19.5924

■ 46.2300, 28.3916,
12.3747

■ 43.7168, 24.7536,
7.2564

■ 42.1582, 22.5201,
4.0126

■ 41.4043, 21.4648,
2.3666

■ 41.2723, 21.2729,
2.1003

Harmonies

Analogous

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



77.0602, 73.1511, 83.8780



76.7937, 73.1511, 73.0229



74.5382, 73.1511, 64.7253

Triad

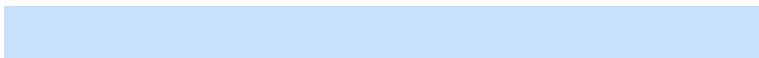
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7937, 73.1511, 73.0229



64.1004, 73.1511, 66.4377



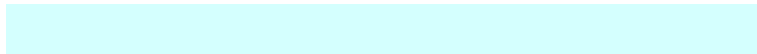
68.0868, 73.1511, 102.3556

Complementary

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



76.7937, 73.1511, 73.0229



80.8033, 92.6740, 107.3990

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.



64.7473, 73.1511, 96.7068



76.7937, 73.1511, 73.0229



62.5032, 73.1511, 75.5648

Square

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



76.7937, 73.1511, 73.0229



67.1740, 73.1511, 61.1731



62.7355, 73.1511, 86.6645



71.9362, 73.1511, 101.5145

Rectangle

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



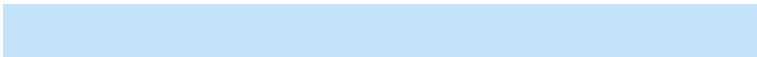
76.7937, 73.1511, 73.0229



72.2554, 73.1511, 61.4459



62.7355, 73.1511, 86.6645



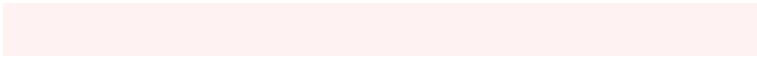
66.8700, 73.1511, 101.1332

Sweetspot

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



76.7955, 73.1543, 73.0244



89.1756, 91.3568, 97.3679



82.3098, 75.2993, 104.8038



18.9173, 19.3041, 20.5069



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

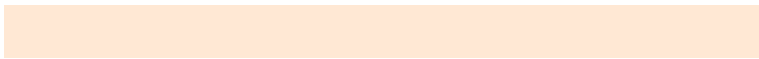
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7955, 73.1543, 73.0244



73.8741, 68.8622, 67.2701



82.0008, 83.7664, 74.1381



18.0264, 17.9939, 18.7563



21.5730, 11.1185, 1.1362



2.1062, 1.0849, 0.1408

Inverse Universe

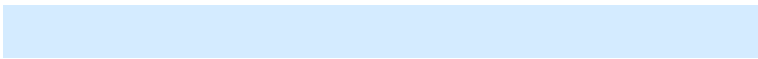
The Inverse Universe completely reimagines the original color for something new.



76.7955, 73.1543, 73.0244



73.8741, 68.8622, 67.2701



74.8933, 80.5982, 106.2174



18.0264, 17.9939, 18.7563



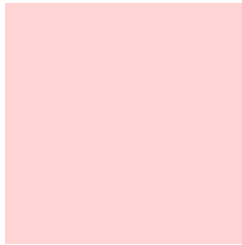
21.5730, 11.1185, 1.1362



2.1062, 1.0849, 0.1408

Previews

White Background



This preview shows how the XYZ color 76.7937, 73.1511, 73.0229 looks on a white background.

Color Contrast Check

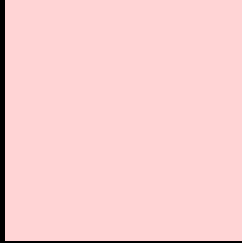
Large Text (above 18pt) WCAG AA × Fail

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 76.7937, 73.1511, 73.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

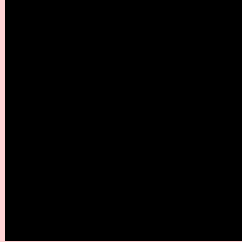
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7937, 73.1511, 73.0229

Background



This preview shows how black text looks on a background with the XYZ color 76.7937, 73.1511, 73.0229.

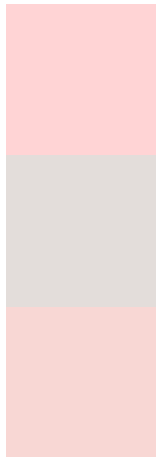


This preview shows how white text looks on a background with the XYZ color 76.7937, 73.1511,

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

76.7937, 73.1511, 73.0229

Protanopia

70.1899, 73.1058, 76.7411

Deuteranopia

74.8955, 73.3108, 72.4903



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

76.7937, 73.1511, 73.0229

Protanomaly

72.3911, 73.1052, 75.2610

Deuteranomaly

75.7139, 73.3558, 72.4559

Tritanomaly

77.5854, 73.0690, 78.4211

Monochromacy



Original Color

76.7937, 73.1511, 73.0229

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.2364, 74.2397, 78.8763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7937, 73.1511, 73.0229 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.7937, 73.1511, 73.0229 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, 213) }
```


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

```
.border{ border-color:rgb(255, 212, 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, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7937, 73.1511, 73.0229 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
212, 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](#).

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