

Converting Colors

XYZ(76.3331, 72.3131, 72.6126)

Have a look what the booklet for
XYZ(76.3331, 72.3131, 72.6126)
contains.

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Color

**XYZ(76.2968, 72.1573,
72.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D5
RGB	255, 210, 213
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1764, 0.1647
CMYK	0.00, 0.18, 0.16, 0.00
HSL	356°, 100%, 91%
HSV	356°, 18%, 100%
XYZ	76.2968, 72.1573, 72.8573
YIQ	223.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

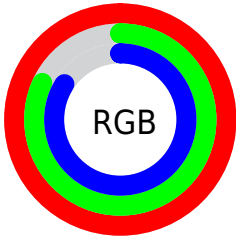
Format	Color
R _Y B	255, 210, 213
Decimal	16765653
CIE Lab	88.04, 16.22, 4.46
CIE LCh	88, 16.820, 15.360
Yxy	72.1573, 0.3447, 0.3260
Android (android.graphics.Color)	4294955733 (0xFFFFD2D5)
YUV	223.7970, -5.3229, 27.3650
Hunter-Lab	84.9455, 11.6716, 8.6091

Details

The XYZ color **76.2968, 72.1573, 72.8573** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9115, 92.2511, 105.6938**, and the grayscale version is **70.7320, 74.4156, 81.0386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1816, 37.9171, 37.4960** is the 20% darker color. If you saturate the color by 10%, you get **67.6928, 59.4345, 56.1617**, and if you desaturate by 10%, it is **86.3509, 87.0699, 92.2257**.

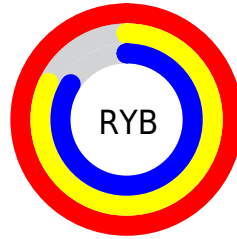
Distribution



Red (100%)

Green (82%)

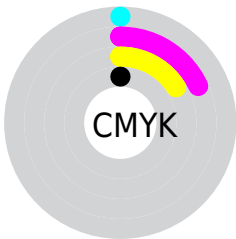
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

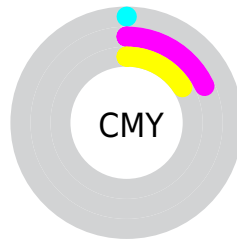


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2968, 72.1573, 72.8573 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 76.2968, 72.1573, 72.8573 by changing the saturation by 10% instead.


 76.2968, 72.1573,
72.8573

 76.2968, 72.1573,
72.8573


471.2919,
468.0889, 489.5776

 56.9738, 53.2872,
53.3682

127.1245,
122.2801, 124.9936

 41.2243, 38.0321,
37.7070


159.3599,
154.3017, 158.4779

 28.6828, 26.0076,
25.4553


196.6302,
191.4758, 197.4644

 18.9841, 16.8293,
16.1945

239.3007,
234.1868, 242.3715

 11.7627, 10.1129,
9.5061

287.7367,
282.8193, 293.6179

 6.6534, 5.4739,
4.9714

342.3037,

 3.2907, 2.5279,

337.7576, 351.6220

2.1721

403.3670,
399.3860, 416.8024

■ 1.3093, 0.8906,
0.6582

■ 0.1901, 0.0000,
0.0000

■ 76.2968, 72.1573,
72.8573

■ 76.2968, 72.1573,
72.8573

■ 67.6928, 59.4345,
56.1617

■ 86.3509, 87.0699,
92.2257

■ 60.4669, 48.7895,
42.0173

95.0500, 100.0000,
108.9000

■ 54.5491, 40.1148,
30.2996

■ 49.8609, 33.2895,
20.8723

■ 46.3155, 28.1792,
13.5852

■ 43.8148, 24.6314,
8.2704

■ 42.2441, 22.4669,
4.7347

■ 41.4557, 21.4506,
2.7442

■ 41.3410, 21.3004,
2.4618

Harmonies

Analogous

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



76.3237, 72.1573, 84.2862



76.2968, 72.1573, 72.8573



74.1497, 72.1573, 63.8678

Triad

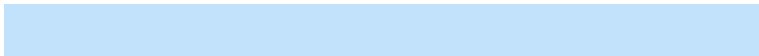
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2968, 72.1573, 72.8573



63.2379, 72.1573, 64.0390



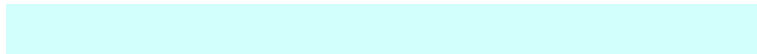
66.6514, 72.1573, 101.9481

Complementary

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



76.2968, 72.1573, 72.8573



79.9115, 92.2511, 105.6938

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.



63.3028, 72.1573, 95.3645



76.2968, 72.1573, 72.8573



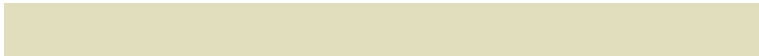
61.3848, 72.1573, 73.1126

Square

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



76.2968, 72.1573, 72.8573



66.5596, 72.1573, 59.1250



61.4081, 72.1573, 84.5675



70.6477, 72.1573, 101.8626

Rectangle

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



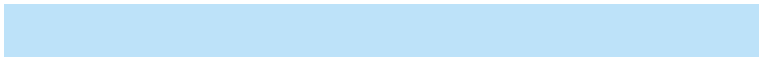
76.2968, 72.1573, 72.8573



71.8512, 72.1573, 60.1426



61.4081, 72.1573, 84.5675



65.4162, 72.1573, 100.4155

Sweetspot

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



76.2986, 72.1604, 72.8588



89.2592, 91.3902, 97.8079



81.2432, 74.0118, 104.6115



18.9375, 19.3122, 20.6133



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

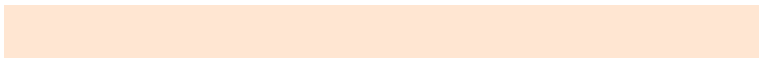
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2986, 72.1604, 72.8588



73.2529, 67.6519, 66.9643



81.0325, 82.2311, 72.5782



18.0584, 18.0067, 18.9248



21.6197, 11.1372, 1.3820



2.1214, 1.0909, 0.2206

Inverse Universe

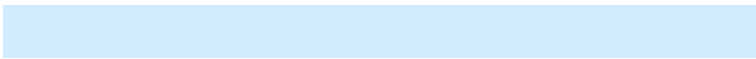
The Inverse Universe completely reimagines the original color for something new.



76.2986, 72.1604, 72.8588



73.2529, 67.6519, 66.9643



74.4826, 80.6275, 106.2448



18.0584, 18.0067, 18.9248



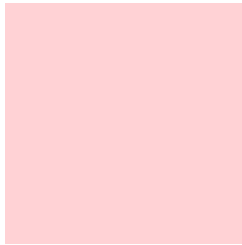
21.6197, 11.1372, 1.3820



2.1214, 1.0909, 0.2206

Previews

White Background



This preview shows how the XYZ color 76.2968, 72.1573, 72.8573 looks on a white background.

Color Contrast Check

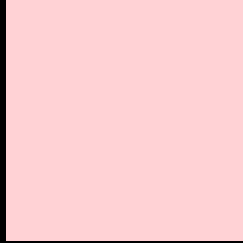
Large Text (above 18pt) WCAG AA × Fail

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 76.2968, 72.1573, 72.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

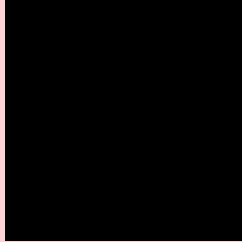
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2968, 72.1573, 72.8573

Background



This preview shows how black text looks on a background with the XYZ color 76.2968, 72.1573, 72.8573.

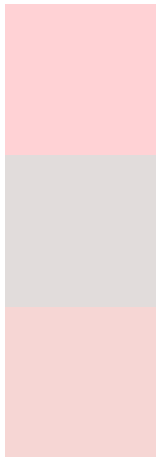


This preview shows how white text looks on a background with the XYZ color 76.2968, 72.1573,

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

76.2968, 72.1573, 72.8573

Protanopia

69.4307, 72.3084, 77.3154

Deuteranopia

73.9363, 72.4394, 72.3727



Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy



Original Color

76.2968, 72.1573, 72.8573

Protanomaly

71.6723, 71.9544, 75.7567

Deuteranomaly

74.7448, 72.4817, 72.3382

Tritanomaly

76.9587, 72.0282, 77.5568

Monochromacy



Original Color

76.2968, 72.1573, 72.8573

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5107, 73.4925, 78.0739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2968, 72.1573, 72.8573 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, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.2968, 72.1573, 72.8573 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, 210, 213) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2968, 72.1573, 72.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 213) }
```

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

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