

# Converting Colors

XYZ(75.6174, 72.6010, 72.6832)

Have a look what the booklet for  
XYZ(75.6174, 72.6010, 72.6832)  
contains.

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# Color

**XYZ(75.6986, 72.5865,  
72.9716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD4D5
RGB	252, 212, 213
RGB Percent	99%, 83%, 84%
CMY	0.0118, 0.1686, 0.1647
CMYK	0.00, 0.16, 0.15, 0.01
HSL	359°, 87%, 91%
HSV	359°, 16%, 99%
XYZ	75.6986, 72.5865, 72.9716
YIQ	224.0740, 23.5190, 8.7910

# Conversions

## Conversions Part 2

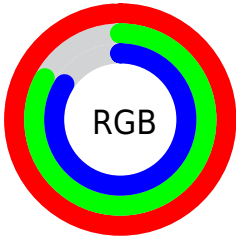
Format	Color
R <sub>Y</sub> B	252, 212, 213
Decimal	16569557
CIE Lab	88.25, 14.11, 4.72
CIE LCh	88, 14.882, 18.487
Yxy	72.5865, 0.3421, 0.3281
Android (android.graphics.Color)	4294759637 (0xFFFC4D5)
YUV	224.0740, -5.4595, 24.4911
Hunter-Lab	85.1977, 9.5022, 8.8567

# Details

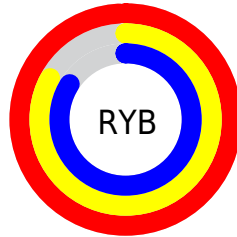
The XYZ color **75.6986, 72.5865, 72.9716** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3772, 90.5847, 104.5723**, and the grayscale version is **70.9321, 74.6261, 81.2678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7342, 38.1847, 37.5712** is the 20% darker color. If you saturate the color by 10%, you get **66.9978, 59.8033, 55.8316**, and if you desaturate by 10%, it is **85.8592, 87.5315, 92.9314**.

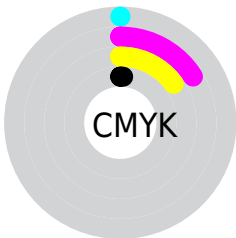
# Distribution



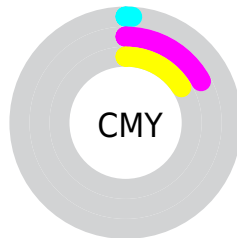
- Red (99%)
- Green (83%)
- Blue (84%)



- Red (99%)
- Yellow (83%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (1%)




- Cyan (1%)
- Magenta (17%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6986, 72.5865, 72.9716 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 75.6986, 72.5865, 72.9716 by changing the saturation by 10% instead.




 75.6986, 72.5865,  
72.9716

 75.6986, 72.5865,  
72.9716


469.2756,  
469.5804, 489.9845

 56.4816, 53.6379,  
53.4611


126.2834,  
122.8900, 125.1574

 40.8277, 38.3123,  
37.7807


158.3819,  
155.0137, 158.6698

 28.3715, 26.2251,  
25.5120


195.5049,  
192.2980, 197.6865

 18.7478, 16.9921,  
16.2365

238.0179,  
235.1271, 242.6262

 11.5911, 10.2289,  
9.5355

286.2860,  
283.8855, 293.9073

 6.5361, 5.5510,  
4.9905

340.6748,

 3.2175, 2.5740,

338.9576, 351.9483

2.1831

401.5495,  
400.7278, 417.1679

■ 1.2698, 0.9136,  
0.6646

■ 0.1604, 0.0000,  
0.0000

■ 75.6986, 72.5865,  
72.9716

■ 75.6986, 72.5865,  
72.9716

■ 66.9978, 59.8033,  
55.8316

■ 85.8592, 87.5315,  
92.9314

■ 59.6840, 49.0727,  
41.3799

■ 93.9552, 99.4356,  
108.8488

■ 53.6875, 40.2908,  
29.4818

■ 48.9299, 33.3406,  
19.9887

■ 45.3247, 28.0926,  
12.7370

■ 42.7741, 24.4006,  
7.5425

■ 41.1643, 22.0936,  
4.1919

■ 40.3548, 20.9602,  
2.4255

■ 40.1796, 20.7094,  
2.0597

# Harmonies

## Analogous

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



75.9284, 72.5865, 83.0178



75.6986, 72.5865, 72.9716



73.6350, 72.5865, 65.2269

# Triad

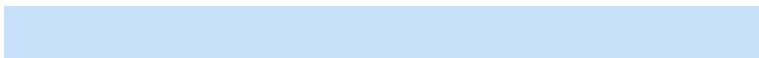
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6986, 72.5865, 72.9716



63.9847, 72.5865, 66.7238



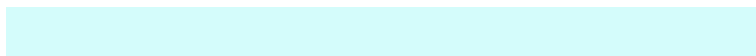
67.6321, 72.5865, 99.8735

# Complementary

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



75.6986, 72.5865, 72.9716



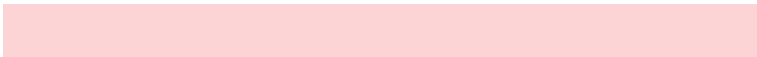
79.3772, 90.5847, 104.5723

# 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.



64.5470, 72.5865, 94.6645



75.6986, 72.5865, 72.9716



62.4901, 72.5865, 75.1804

# Square

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



75.6986, 72.5865, 72.9716



66.8405, 72.5865, 61.8398



62.6924, 72.5865, 85.4240



71.1877, 72.5865, 99.1529



# Rectangle

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



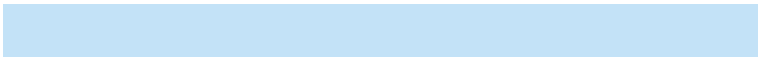
75.6986, 72.5865, 72.9716



71.5357, 72.5865, 62.1414



62.6924, 72.5865, 85.4240



66.5079, 72.5865, 98.7409

# Sweetspot

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



75.7006, 72.5898, 72.9731



89.1790, 91.3581, 97.3855



80.7799, 74.5659, 102.2313



18.9181, 19.3044, 20.5112



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

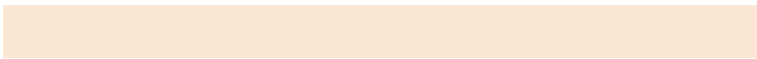
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7006, 72.5898, 72.9731



74.7991, 70.2100, 69.1267



80.5133, 82.4168, 73.9559



17.2621, 17.2322, 17.9701



20.9376, 10.7908, 1.1142

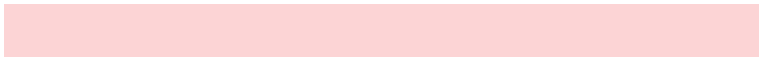


1.9451, 1.0018, 0.1346



# Inverse Universe

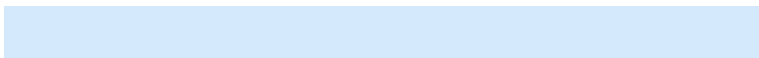
The Inverse Universe completely reimagines the original color for something new.



75.7006, 72.5898, 72.9731



74.7991, 70.2100, 69.1267



73.9582, 79.4949, 103.5422



17.2621, 17.2322, 17.9701



20.9376, 10.7908, 1.1142

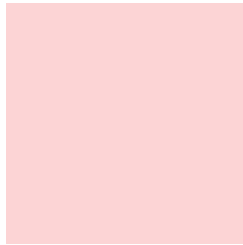


1.9451, 1.0018, 0.1346



# Previews

## White Background



This preview shows how the XYZ color 75.6986, 72.5865, 72.9716 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

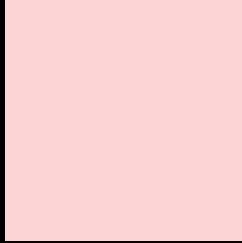
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.6986, 72.5865, 72.9716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

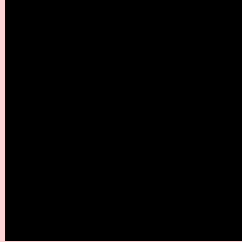
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.6986, 72.5865, 72.9716**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.6986, 72.5865, 72.9716.



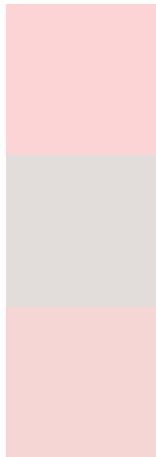
This preview shows how white text looks on a background with the XYZ color 75.6986, 72.5865,

72.9716.

# 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

75.6986, 72.5865, 72.9716

### Protanopia

69.8754, 72.9436, 76.7264

### Deuteranopia

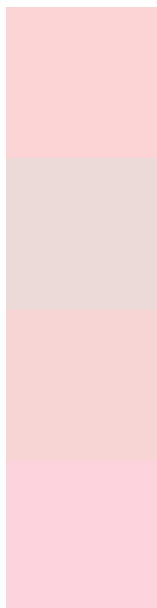
74.0628, 72.4901, 73.0392



## Tritanopia

77.6471, 72.6550, 81.8829

# Trichromacy



## Original Color

75.6986, 72.5865, 72.9716

## Protanomaly

71.7270, 72.7628, 75.2300

## Deuteranomaly

74.5159, 72.3491, 72.9881

## Tritanomaly

76.8534, 72.6916, 78.3869

# Monochromacy



## Original Color

75.6986, 72.5865, 72.9716

## Achromatopsia

70.8507, 74.5404, 81.1745

## Achromatomaly

72.4432, 73.8461, 78.1457

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6986, 72.5865, 72.9716 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(252, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 212, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6986, 72.5865, 72.9716 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(252, 212, 213) }
```



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

```
.border{ border-color:rgb(252, 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(252, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 212,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6986, 72.5865, 72.9716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 212, 213) }
```

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

```
.background{ background-color: rgb(252,  
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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