

# Converting Colors

XYZ(75.6244, 71.1047, 71.7322)

Have a look what the booklet for  
XYZ(75.6244, 71.1047, 71.7322)  
contains.

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# Color

**XYZ(75.6795, 71.1252,  
72.0272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD0D4
RGB	255, 208, 212
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1843, 0.1686
CMYK	0.00, 0.18, 0.17, 0.00
HSL	355°, 100%, 91%
HSV	355°, 18%, 100%
XYZ	75.6795, 71.1252, 72.0272
YIQ	222.5090, 26.7280, 11.2080

# Conversions

## Conversions Part 2

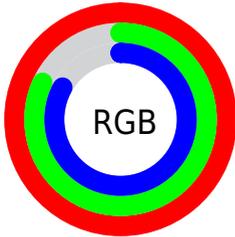
Format	Color
R <sub>Y</sub> B	255, 208, 212
Decimal	16765140
CIE Lab	87.55, 17.11, 4.26
CIE LCh	88, 17.634, 13.989
Yxy	71.1252, 0.3458, 0.3250
Android (android.graphics.Color)	4294955220 (0xFFFFD0D4)
YUV	222.5090, -5.1809, 28.4946
Hunter-Lab	84.3358, 12.5911, 8.3982

# Details

The XYZ color **75.6795, 71.1252, 72.0272** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1875, 91.8961, 104.8347**, and the grayscale version is **69.8148, 73.4506, 79.9877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7657, 37.2226, 36.9344** is the 20% darker color. If you saturate the color by 10%, you get **67.2213, 58.5834, 55.7210**, and if you desaturate by 10%, it is **85.5661, 85.8423, 90.9096**.

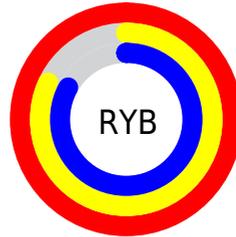
# Distribution



Red (100%)

Green (82%)

Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

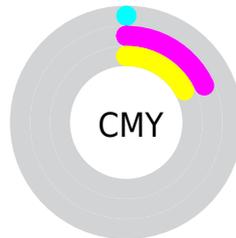


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6795, 71.1252, 72.0272 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 75.6795, 71.1252, 72.0272 by changing the saturation by 10% instead.

 75.6795, 71.1252,  
72.0272

 75.6795, 71.1252,  
72.0272

469.2111,  
464.4910, 486.6164

 56.4659, 52.4444,  
52.6939

126.2565,  
120.8120, 123.8033

 40.8150, 37.3594,  
37.1724

158.3506,  
152.5867, 157.0832

 28.3616, 25.4859,  
25.0442

195.4690,  
189.4949, 195.8490

 18.7403, 16.4394,  
15.8907

237.9769,  
231.9209, 240.5193

 11.5856, 9.8356,  
9.2933

286.2397,  
280.2491, 291.5127

 6.5324, 5.2901,  
4.8336

340.6227,

 3.2151, 2.4185,

334.8639, 349.2476

2.0929

401.4914,  
396.1498, 414.1427

■ 1.2685, 0.8354,  
0.6115

■ 0.1595, 0.0000,  
0.0000

■ 75.6795, 71.1252,  
72.0272

■ 75.6795, 71.1252,  
72.0272

■ 67.2213, 58.5834,  
55.7210

■ 85.5661, 85.8423,  
90.9096

■ 60.1203, 48.1049,  
41.8751

95.0500, 100.0000,  
108.9000

■ 54.3073, 39.5821,  
30.3711

■ 49.7049, 32.8934,  
21.0795

■ 46.2270, 27.9042,  
13.8577

■ 43.7765, 24.4610,  
8.5467

■ 42.2395, 22.3828,  
4.9642

■ 41.4627, 21.4187,  
2.8882

■ 41.3817, 21.3167,  
2.6764

# Harmonies

## Analogous

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



75.6006, 71.1252, 83.9469



75.6795, 71.1252, 72.0272



73.5328, 71.1252, 62.5735

# Triad

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



75.6795, 71.1252, 72.0272



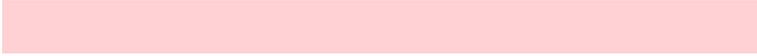
62.1886, 71.1252, 62.0781



65.4163, 71.1252, 101.6619

# Complementary

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



75.6795, 71.1252, 72.0272



79.1875, 91.8961, 104.8347

# Split Complementary

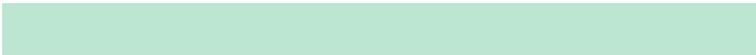
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.9997, 71.1252, 94.4997



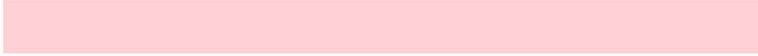
75.6795, 71.1252, 72.0272



60.1891, 71.1252, 71.2845

# Square

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



75.6795, 71.1252, 72.0272



65.6838, 71.1252, 57.2416



60.1214, 71.1252, 83.1242



69.5579, 71.1252, 101.9134

# Rectangle

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



75.6795, 71.1252, 72.0272



71.1776, 71.1252, 58.5960



60.1214, 71.1252, 83.1242



64.1489, 71.1252, 99.9521

# Sweetspot

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



75.6812, 71.1283, 72.0287



88.1891, 89.7546, 95.8960



80.1395, 72.7143, 104.4192



18.7233, 18.9832, 20.2353



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.



75.6812, 71.1283, 72.0287



72.4999, 66.4046, 65.9154



80.0413, 80.6452, 71.0259



18.0721, 18.0121, 18.9966



21.6443, 11.1470, 1.5113



2.1278, 1.0935, 0.2546



# Inverse Universe

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



75.6812, 71.1283, 72.0287



72.4999, 66.4046, 65.9154



74.1179, 80.7383, 106.2854



18.0721, 18.0121, 18.9966



21.6443, 11.1470, 1.5113



2.1278, 1.0935, 0.2546



# Previews

## White Background



This preview shows how the XYZ color 75.6795, 71.1252, 72.0272 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 75.6795, 71.1252, 72.0272 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 75.6795, 71.1252, 72.0272**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.6795, 71.1252, 72.0272.



This preview shows how white text looks on a background with the XYZ color 75.6795, 71.1252,



# 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

75.6795, 71.1252, 72.0272

### Protanopia

68.7269, 71.5723, 76.5222

### Deuteranopia

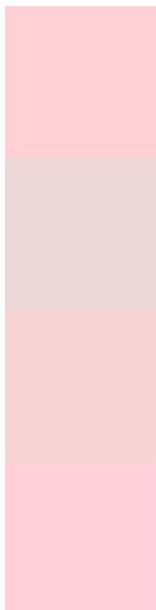
72.6096, 71.0232, 71.5099



## Tritanopia

76.7376, 71.1596, 78.7979

# Trichromacy



## Original Color

75.6795, 71.1252, 72.0272

## Protanomaly

70.9561, 71.2209, 74.9730

## Deuteranomaly

73.7635, 71.2481, 71.4925

## Tritanomaly

76.2077, 70.9476, 76.0073

# Monochromacy



## Original Color

75.6795, 71.1252, 72.0272

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

72.1185, 72.9194, 77.2916

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6795, 71.1252, 72.0272 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, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 212)  
}
```

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, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6795, 71.1252, 72.0272 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, 208, 212) }
```

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

```
.border{ border-color:rgb(255, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6795, 71.1252, 72.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 212) }
```

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

```
.background{ background-color: rgb(255,  
208, 212) }
```

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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