

# Converting Colors

XYZ(72.2158, 71.9686, 71.0579)

Have a look what the booklet for  
XYZ(72.2158, 71.9686, 71.0579)  
contains.

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# Color

**XYZ(72.2089, 71.9548,  
71.0556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1D7D2
RGB	241, 215, 210
RGB Percent	95%, 84%, 82%
CMY	0.0549, 0.1568, 0.1765
CMYK	0.00, 0.11, 0.13, 0.05
HSL	10°, 53%, 88%
HSV	10°, 13%, 95%
XYZ	72.2089, 71.9548, 71.0556
YIQ	222.2040, 17.1010, 3.9570

# Conversions

## Conversions Part 2

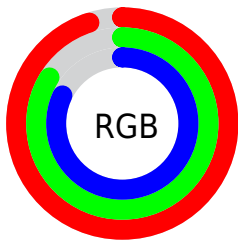
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 216, 210
Decimal	15849426
CIE Lab	87.95, 8.19, 5.74
CIE LCh	88, 10.000, 35.041
Yxy	71.9548, 0.3355, 0.3343
Android (android.graphics.Color)	4294039506 (0xFFFF1D7D2)
YUV	222.2040, -6.0166, 16.4841
Hunter-Lab	84.8262, 3.5036, 9.7134

# Details

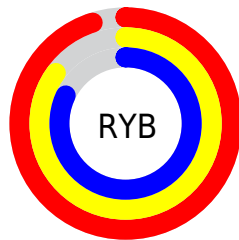
The XYZ color **72.2089, 71.9548, 71.0556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4505, 80.0417, 94.8508**, and the grayscale version is **69.6097, 73.2348, 79.7527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5791, 37.8562, 36.7261** is the 20% darker color. If you saturate the color by 10%, you get **64.5979, 61.1809, 54.8039**, and if you desaturate by 10%, it is **80.9118, 84.1873, 89.9037**.

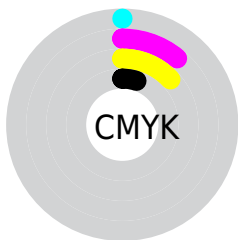
# Distribution



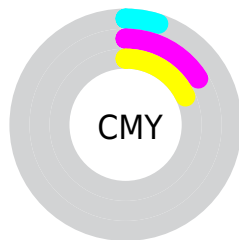
- Red (95%)
- Green (84%)
- Blue (82%)



- Red (95%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2089, 71.9548, 71.0556 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 72.2089, 71.9548, 71.0556 by changing the saturation by 10% instead.



 72.2089, 71.9548,  
71.0556

 72.2089, 71.9548,  
71.0556


457.4147,  
467.3843, 483.1367

 53.6154, 53.1218,  
51.9055


121.3627,  
121.9923, 122.4081

 38.5237, 37.9000,  
36.5480


152.6537,  
153.9655, 155.4475

 26.5685, 25.9051,  
24.5647


188.9079,  
191.0875, 193.9538

 17.3843, 16.7526,  
15.5370

230.4907,  
233.7428, 238.3454

 10.6059, 10.0583,  
9.0463

277.7674,  
282.3157, 289.0410

 5.8678, 5.4376,  
4.6742

331.1034,

 2.8048, 2.5062,

337.1907, 346.4590

2.0020

390.8641,  
398.7521, 411.0181

■ 1.0514, 0.8798,  
0.5565

■ 0.0000, 0.0000,  
0.0000

■ 72.2089, 71.9548,  
71.0556

■ 72.2089, 71.9548,  
71.0556

■ 64.5979, 61.1809,  
54.8039

■ 80.9118, 84.1873,  
89.9037

■ 58.0295, 51.8018,  
41.0302

■ 90.0859, 97.4409,  
108.6677

■ 52.4597, 43.7632,  
29.6137

■ 47.8388, 37.0034,  
20.4218

■ 44.1128, 31.4558,  
13.3085

■ 41.2221, 27.0480,  
8.1103

■ 39.0995, 23.6994,  
4.6391

■ 37.6668, 21.3184,  
2.6682

■ 36.9983, 20.1458,  
1.9385

# Harmonies

## Analogous

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



73.0544, 71.9548, 77.1999



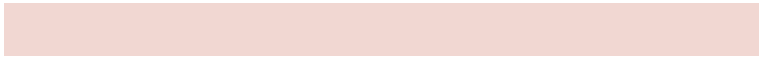
72.2089, 71.9548, 71.0556



70.3414, 71.9548, 67.0484

# Triad

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



72.2089, 71.9548, 71.0556



64.3229, 71.9548, 72.9420



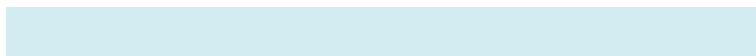
68.7940, 71.9548, 92.1495

# Complementary

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



72.2089, 71.9548, 71.0556



72.4505, 80.0417, 94.8508

# 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.



66.4768, 71.9548, 90.8475



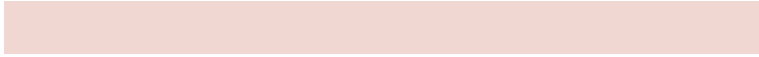
72.2089, 71.9548, 71.0556



63.9302, 71.9548, 79.5044

# Square

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



72.2089, 71.9548, 71.0556



65.7953, 71.9548, 68.0924



64.7099, 71.9548, 86.1199



71.0538, 71.9548, 89.5816

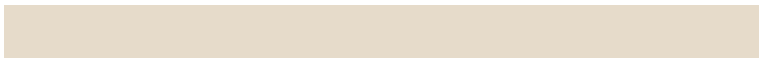


# Rectangle

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



72.2089, 71.9548, 71.0556



68.7875, 71.9548, 65.9943



64.7099, 71.9548, 86.1199



67.9958, 71.9548, 92.1513

# Sweetspot

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



72.2109, 71.9580, 71.0571



90.7827, 94.0239, 99.5899



74.5143, 70.8714, 89.3767



19.2644, 19.8910, 20.9534



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

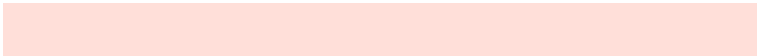


# Same Dimension

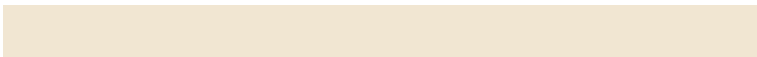
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2109, 71.9580, 71.0571



80.0995, 78.9919, 76.5006



76.2478, 80.0319, 72.4028



15.9789, 16.1709, 16.4288



20.1267, 11.0514, 1.0723



1.7348, 1.0402, 0.1094



# Inverse Universe

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



72.4505, 80.0417, 94.8508



80.4127, 89.5768, 107.6596



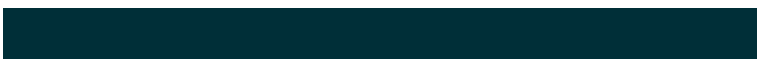
68.2733, 71.6872, 93.4584



16.0175, 17.4690, 20.2493



20.1590, 26.5422, 49.1885

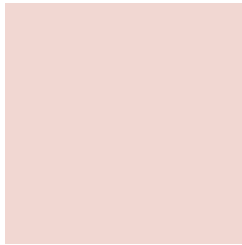


1.7345, 2.3230, 4.1112



# Previews

## White Background



This preview shows how the XYZ color 72.2089, 71.9548, 71.0556 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

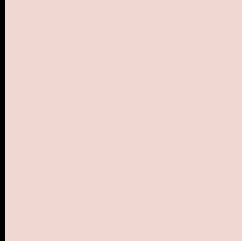
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.2089, 71.9548, 71.0556 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

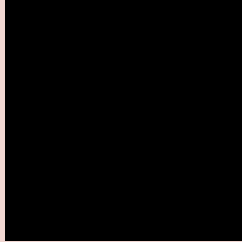
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.2089, 71.9548, 71.0556**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.2089, 71.9548, 71.0556.



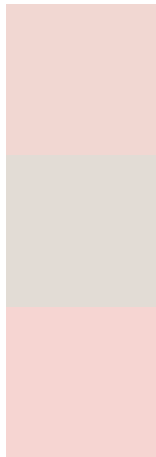
This preview shows how white text looks on a background with the XYZ color 72.2089, 71.9548,

71.0556.

# 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

72.2089, 71.9548, 71.0556

### Protanopia

68.9675, 72.1592, 73.2439

### Deuteranopia

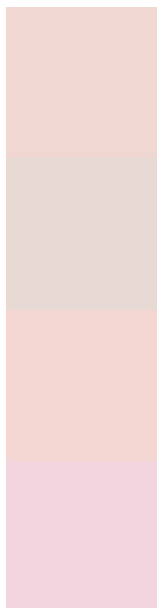
73.4331, 71.8345, 70.9679



## Tritanopia

74.6485, 71.7988, 84.0529

# Trichromacy



## Original Color

72.2089, 71.9548, 71.0556

## Protanomaly

69.9101, 71.8852, 72.4779

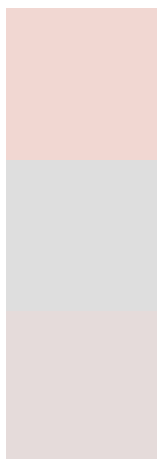
## Deuteranomaly

72.9877, 71.9794, 71.0193

## Tritanomaly

73.5970, 71.7397, 79.0754

# Monochromacy



## Original Color

72.2089, 71.9548, 71.0556

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.2995, 72.3830, 76.5958

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.2089, 71.9548, 71.0556 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(241, 215, 210)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 210)  
}
```

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(241, 215, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 72.2089, 71.9548, 71.0556 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(241, 215, 210) }
```



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

```
.border{ border-color:rgb(241, 215, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 210);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.2089, 71.9548, 71.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 210) }
```

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

```
.background{ background-color: rgb(241,  
215, 210) }
```

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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