

Converting Colors

XYZ(72.7697, 71.5110, 69.6937)

Have a look what the booklet for
XYZ(72.7697, 71.5110, 69.6937)
contains.

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Color

**XYZ(72.8356, 71.5550,
69.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D5D0
RGB	245, 213, 208
RGB Percent	96%, 84%, 82%
CMY	0.0392, 0.1647, 0.1843
CMYK	0.00, 0.13, 0.15, 0.04
HSL	8°, 65%, 89%
HSV	8°, 15%, 96%
XYZ	72.8356, 71.5550, 69.6472
YIQ	221.9980, 20.6770, 5.2290

Conversions

Conversions Part 2

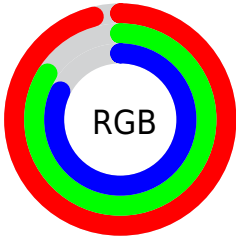
Format	Color
R _Y B	245, 214, 208
Decimal	16111056
CIE Lab	87.75, 10.33, 6.56
CIE LCh	88, 12.242, 32.416
Yxy	71.5550, 0.3403, 0.3343
Android (android.graphics.Color)	4294301136 (0xFFFF5D5D0)
YUV	221.9980, -6.9010, 20.1728
Hunter-Lab	84.5902, 5.6629, 10.3968

Details

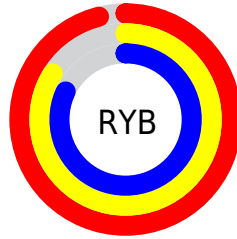
The XYZ color **72.8356, 71.5550, 69.6472** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6536, 82.3210, 98.3945**, and the grayscale version is **69.4683, 73.0861, 79.5908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7986, 37.4782, 35.7610** is the 20% darker color. If you saturate the color by 10%, you get **65.0660, 60.4725, 53.3169**, and if you desaturate by 10%, it is **81.7709, 84.2225, 88.6649**.

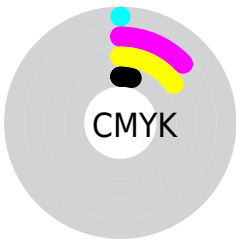
Distribution



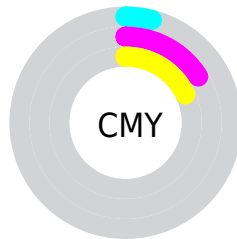
- Red (96%)
- Green (84%)
- Blue (82%)



- Red (96%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8356, 71.5550, 69.6472 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 72.8356, 71.5550, 69.6472 by changing the saturation by 10% instead.


 72.8356, 71.5550,
69.6472

 72.8356, 71.5550,
69.6472


459.5574,
465.9912, 478.0659

 54.1294, 52.7952,
50.7639


122.2482,
121.4236, 120.3819

 38.9362, 37.6393,
35.6454


153.6853,
153.3013, 153.0704

 26.8906, 25.7029,
23.8729


190.0968,
190.3204, 191.1978

 17.6273, 16.6015,
15.0280

231.8481,
232.8654, 235.1825

 10.7808, 9.9508,
8.6922

279.3044,
281.3205, 285.4431

 5.9858, 5.3663,
4.4469

332.8312,

 2.8770, 2.4638,

336.0703, 342.3982

1.8736

392.7937,
397.4991, 406.4663

■ 1.0891, 0.8584,
0.4758

■ 0.0159, 0.0000,
0.0000

■ 72.8356, 71.5550,
69.6472

■ 72.8356, 71.5550,
69.6472

■ 65.0660, 60.4725,
53.3169

■ 81.7709, 84.2225,
88.6649

■ 58.4083, 50.9032,
39.5484

■ 91.4665, 98.1526,
108.7323

■ 52.8129, 42.7844,
28.2127

■ 48.2242, 36.0447,
19.1678

■ 44.5816, 30.6073,
12.2572

■ 41.8176, 26.3872,
7.3042

■ 39.8558, 23.2894,
4.1041

■ 38.6056, 21.2046,
2.4060

■ 38.2042, 20.5079,
1.9448

Harmonies

Analogous

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



73.7452, 71.5550, 77.2388



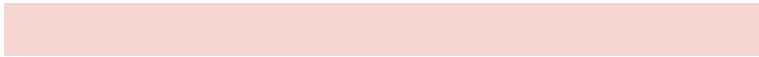
72.8356, 71.5550, 69.6472



70.6300, 71.5550, 64.5763

Triad

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



72.8356, 71.5550, 69.6472



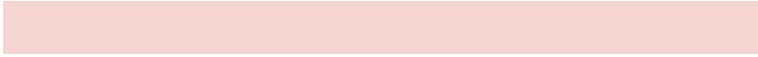
63.1796, 71.5550, 70.7367



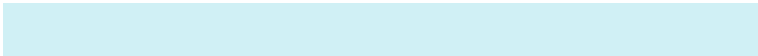
68.2466, 71.5550, 95.0104

Complementary

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



72.8356, 71.5550, 69.6472



73.6536, 82.3210, 98.3945

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.



65.4573, 71.5550, 92.9661



72.8356, 71.5550, 69.6472



62.5818, 71.5550, 78.5875

Square

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



72.8356, 71.5550, 69.6472



65.0605, 71.5550, 65.1731



63.4041, 71.5550, 86.8044



71.0491, 71.5550, 92.2095

Rectangle

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



72.8356, 71.5550, 69.6472



68.7507, 71.5550, 63.1067



63.4041, 71.5550, 86.8044



67.2764, 71.5550, 94.8670

Sweetspot

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



72.8376, 71.5582, 69.6487



89.6476, 92.3718, 97.3060



75.9510, 70.8205, 92.1574



19.0315, 19.5497, 20.4920



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.



72.8376, 71.5582, 69.6487



77.1400, 74.6263, 70.7251



77.7395, 81.3621, 71.2827



16.6798, 16.8438, 17.1696



20.6376, 11.1608, 1.0665



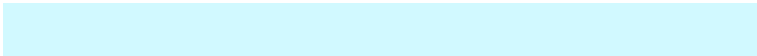
1.8691, 1.0913, 0.1121

Inverse Universe

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



73.6536, 82.3210, 98.3945



78.1842, 88.4127, 107.5524



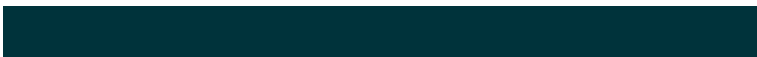
68.5011, 72.0161, 96.6770



16.7944, 18.3531, 21.1999



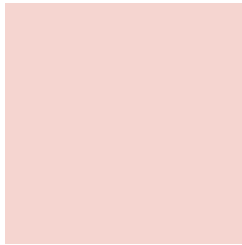
21.6190, 29.0319, 51.0023



1.9519, 2.6552, 4.4999

Previews

White Background



This preview shows how the XYZ color 72.8356, 71.5550, 69.6472 looks on a white background.

Color Contrast Check

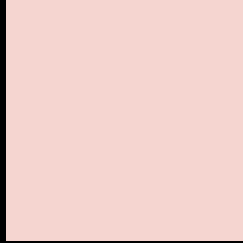
Large Text (above 18pt) WCAG AA × Fail

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 72.8356, 71.5550, 69.6472 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 72.8356, 71.5550, 69.6472

Background



This preview shows how black text looks on a background with the XYZ color 72.8356, 71.5550, 69.6472.



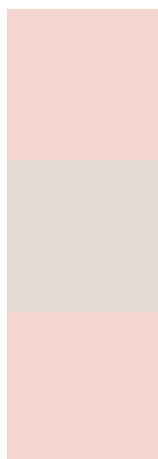
This preview shows how white text looks on a background with the XYZ color 72.8356, 71.5550,

69.6472.

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

72.8356, 71.5550, 69.6472

Protanopia

68.4534, 71.5349, 71.8278

Deuteranopia

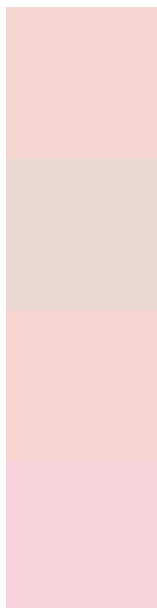
73.1855, 71.7354, 69.6635



Tritanopia

75.2695, 71.4134, 82.4901

Trichromacy



Original Color

72.8356, 71.5550, 69.6472

Protanomaly

70.0500, 71.6025, 71.1014

Deuteranomaly

73.1855, 71.7354, 69.6635

Tritanomaly

74.2186, 71.3487, 77.5701

Monochromacy



Original Color

72.8356, 71.5550, 69.6472

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4890, 72.4958, 75.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8356, 71.5550, 69.6472 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(245, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 208)  
}
```

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(245, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 208) }
```

Border

The CSS property to change the border of an element to XYZ 72.8356, 71.5550, 69.6472 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(245, 213, 208) }
```


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

```
.border{ border-color:rgb(245, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8356, 71.5550, 69.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 208) }
```

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

```
.background{ background-color: rgb(245,  
213, 208) }
```

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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