

Converting Colors

XYZ(72.7403, 71.2338, 71.6334)

Have a look what the booklet for
XYZ(72.7403, 71.2338, 71.6334)
contains.

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Color

**XYZ(72.6096, 71.0232,
71.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D4D3
RGB	244, 212, 211
RGB Percent	96%, 83%, 83%
CMY	0.0431, 0.1686, 0.1725
CMYK	0.00, 0.13, 0.14, 0.04
HSL	2°, 60%, 89%
HSV	2°, 14%, 96%
XYZ	72.6096, 71.0232, 71.5099
YIQ	221.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

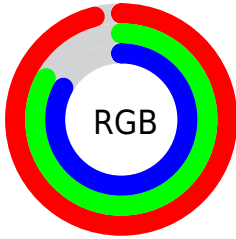
Format	Color
R_{YB}	244, 212, 211
Decimal	16045267
CIE Lab	87.50, 10.97, 4.60
CIE LCh	87, 11.895, 22.727
Yxy	71.0232, 0.3375, 0.3301
Android (android.graphics.Color)	4294235347 (0xFFFF4D4D3)
YUV	221.4540, -5.1538, 19.7728
Hunter-Lab	84.2753, 6.3097, 8.6835

Details

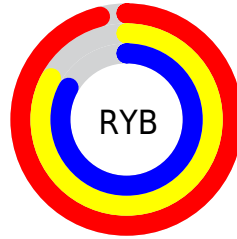
The XYZ color **72.6096, 71.0232, 71.5099** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2433, 84.4800, 97.9293**, and the grayscale version is **69.0735, 72.6707, 79.1384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8818, 37.2396, 37.0370** is the 20% darker color. If you saturate the color by 10%, you get **64.2933, 58.9195, 54.7743**, and if you desaturate by 10%, it is **82.2607, 85.0519, 90.9828**.

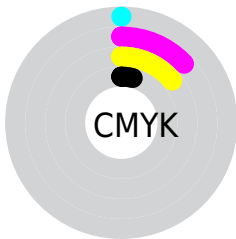
Distribution



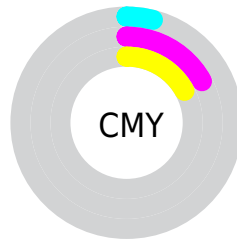
- Red (96%)
- Green (83%)
- Blue (83%)



- Red (96%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6096, 71.0232, 71.5099 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 72.6096, 71.0232, 71.5099 by changing the saturation by 10% instead.


 72.6096, 71.0232,
71.5099

 72.6096, 71.0232,
71.5099

458.7854,
464.1345, 484.7655

 53.9440, 52.3611,
52.2740


121.9289,
120.6668, 123.0607

 38.7874, 37.2930,
36.8398


153.3134,
152.4170, 156.2127

 26.7744, 25.4344,
24.7887


189.6683,
189.2988, 194.8406

 17.5396, 16.4010,
15.7021

231.3589,
231.6966, 239.3627

 10.7176, 9.8084,
9.1615

278.7505,
279.9946, 290.1978

 5.9432, 5.2721,
4.7484

332.2086,

 2.8509, 2.4078,

334.5773, 347.7642

2.0443

392.0984,
395.8292, 412.4806

■ 1.0754, 0.8299,
0.5823

■ 0.0044, 0.0000,
0.0000

■ 72.6096, 71.0232,
71.5099

■ 72.6096, 71.0232,
71.5099

■ 64.2933, 58.9195,
54.7743

■ 82.2607, 85.0519,
90.9828

■ 57.2475, 48.6479,
40.6490

■ 91.1186, 97.9733,
108.7160

■ 51.4114, 40.1221,
29.0040

■ 46.7170, 33.2449,
19.6961

■ 43.0895, 27.9100,
12.5675

■ 40.4452, 23.9983,
7.4410

■ 38.6878, 21.3735,
4.1119

■ 37.7020, 19.8728,
2.3312

■ 37.3892, 19.3945,
1.7729

Harmonies

Analogous

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



73.0049, 71.0232, 79.3065



72.6096, 71.0232, 71.5099



70.8288, 71.0232, 65.6669

Triad

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



72.6096, 71.0232, 71.5099



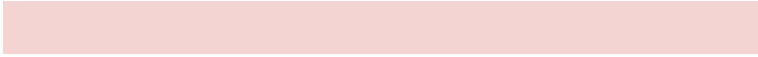
63.2989, 71.0232, 68.3394



66.8241, 71.0232, 93.7096

Complementary

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



72.6096, 71.0232, 71.5099



75.2433, 84.4800, 97.9293

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.



64.2877, 71.0232, 90.3031



72.6096, 71.0232, 71.5099



62.2893, 71.0232, 75.3909

Square

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



72.6096, 71.0232, 71.5099



65.4406, 71.0232, 63.9270



62.6462, 71.0232, 83.4622



69.6132, 71.0232, 92.4915

Rectangle

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



72.6096, 71.0232, 71.5099



69.1215, 71.0232, 63.4846



62.6462, 71.0232, 83.4622



65.9147, 71.0232, 93.0598

Sweetspot

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



72.6116, 71.0264, 71.5114



90.3767, 93.2120, 99.4546



76.8491, 72.3209, 95.0605



19.1621, 19.6865, 20.9193



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.



72.6116, 71.0264, 71.5114



77.8162, 74.9514, 74.1180



76.8241, 79.4515, 72.9156



16.5396, 16.5632, 17.1229



20.3477, 10.5809, 0.9699



1.8023, 0.9579, 0.0899

Inverse Universe

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



75.2433, 84.4800, 97.9293



81.2051, 92.2765, 108.1389



70.6494, 75.2923, 96.3980



16.9509, 18.6662, 21.2521



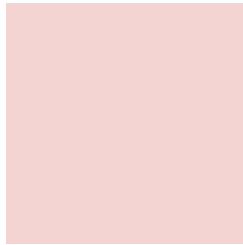
25.2981, 36.3901, 52.2287



2.2368, 3.2251, 4.5948

Previews

White Background



This preview shows how the XYZ color 72.6096, 71.0232, 71.5099 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 72.6096, 71.0232, 71.5099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

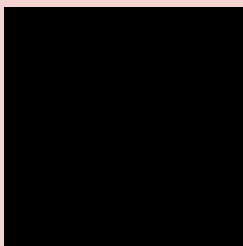
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6096, 71.0232, 71.5099

Background



This preview shows how black text looks on a background with the XYZ color 72.6096, 71.0232, 71.5099.

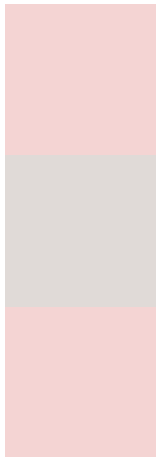


This preview shows how white text looks on a background with the XYZ color 72.6096, 71.0232,

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

72.6096, 71.0232, 71.5099

Protanopia

68.0776, 70.8964, 74.3863

Deuteranopia

72.6096, 71.0232, 71.5099



Tritanopia

74.7801, 71.1770, 81.7487

Trichromacy



Original Color

72.6096, 71.0232, 71.5099

Protanomaly

69.6485, 70.9557, 73.6433

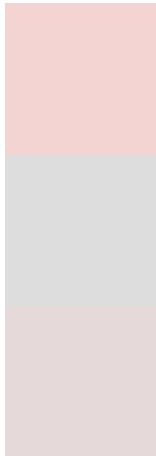
Deuteranomaly

72.6096, 71.0232, 71.5099

Tritanomaly

74.0016, 71.2215, 78.2534

Monochromacy



Original Color

72.6096, 71.0232, 71.5099

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9089, 71.8106, 75.8219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6096, 71.0232, 71.5099 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(244, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 211)  
}
```

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(244, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.6096, 71.0232, 71.5099 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(244, 212, 211) }
```


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

```
.border{ border-color:rgb(244, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6096, 71.0232, 71.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 211) }
```

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

```
.background{ background-color: rgb(244,  
212, 211) }
```

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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