

Converting Colors

XYZ(71.6431, 69.5903, 70.0424)

Have a look what the booklet for
XYZ(71.6431, 69.5903, 70.0424)
contains.

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Color

**XYZ(71.6173, 69.4375,
69.9497)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D1D1
RGB	244, 209, 209
RGB Percent	96%, 82%, 82%
CMY	0.0431, 0.1804, 0.1804
CMYK	0.00, 0.14, 0.14, 0.04
HSL	0°, 61%, 89%
HSV	0°, 14%, 96%
XYZ	71.6173, 69.4375, 69.9497
YIQ	219.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

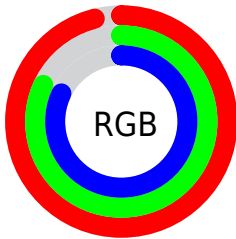
Format	Color
RYB	244, 209, 209
Decimal	16044497
CIELab	86.72, 12.22, 4.53
CIELCh	87, 13.038, 20.338
Yxy	69.4375, 0.3394, 0.3291
Android (android.graphics.Color)	4294234577 (0xFFFF4D1D1)
YUV	219.4650, -5.1592, 21.5172
Hunter-Lab	83.3292, 7.5859, 8.5601

Details

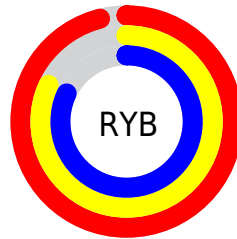
The XYZ color **71.6173, 69.4375, 69.9497** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9737, 84.7863, 98.0024**, and the grayscale version is **67.6811, 71.2058, 77.5431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1313, 36.3740, 36.0215** is the 20% darker color. If you saturate the color by 10%, you get **63.2907, 57.2538, 53.3939**, and if you desaturate by 10%, it is **81.3270, 83.6456, 89.2507**.

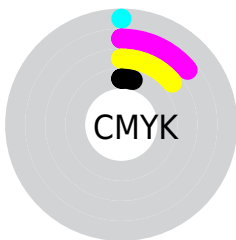
Distribution



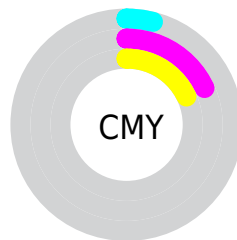
- Red (96%)
- Green (82%)
- Blue (82%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6173, 69.4375, 69.9497 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 71.6173, 69.4375, 69.9497 by changing the saturation by 10% instead.


 71.6173, 69.4375,
69.9497

 71.6173, 69.4375,
69.9497


455.3868,
458.5725, 479.1577

 53.1305, 51.0681,
51.0090


120.5260,
118.4062, 120.8175

 38.1348, 36.2628,
35.8390

151.6786,
149.7744, 153.5816

 26.2650, 24.6372,
24.0212

187.7838,
186.2442, 191.7906

 17.1557, 15.8070,
15.1370

229.2070,
228.2001, 235.8630

 10.4416, 9.3877,
8.7679

276.3136,
276.0265, 286.2174

 5.7572, 4.9949,
4.4953

329.4688,

 2.7373, 2.2443,

330.1077, 343.2723

1.9008

389.0381,
390.8283, 407.4462

■ 1.0164, 0.7440,
0.4933

■ 0.0000, 0.0000,
0.0000

■ 71.6173, 69.4375,
69.9497

■ 71.6173, 69.4375,
69.9497

■ 63.2907, 57.2538,
53.3939

■ 81.3270, 83.6456,
89.2507

■ 56.2789, 46.9936,
39.4545

■ 91.1185, 97.9732,
108.7160

■ 50.5165, 38.5615,
27.9991

■ 45.9301, 31.8502,
18.8819

■ 42.4388, 26.7412,
11.9418

■ 39.9514, 23.1012,
6.9977

■ 38.3620, 20.7753,
3.8389

■ 37.5412, 19.5739,
2.2079

■ 37.3088, 19.2339,
1.7461

Harmonies

Analogous

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



71.9142, 69.4375, 78.4429



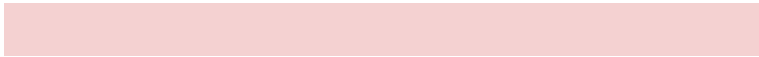
71.6173, 69.4375, 69.9497



69.7898, 69.4375, 63.4665

Triad

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



71.6173, 69.4375, 69.9497



61.6111, 69.4375, 65.4414



65.0246, 69.4375, 93.2894

Complementary

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



71.6173, 69.4375, 69.9497



74.9737, 84.7863, 98.0024

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.



62.3466, 69.4375, 89.2016



71.6173, 69.4375, 69.9497



60.4160, 69.4375, 72.8377

Square

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



71.6173, 69.4375, 69.9497



63.9926, 69.4375, 61.0052



60.6811, 69.4375, 81.5585



68.0454, 69.4375, 92.3674

Rectangle

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



71.6173, 69.4375, 69.9497



67.9795, 69.4375, 60.9469



60.6811, 69.4375, 81.5585



64.0559, 69.4375, 92.4444

Sweetspot

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



71.6192, 69.4406, 69.9512



90.2832, 93.0250, 99.4234



76.4386, 71.3666, 95.3350



19.1386, 19.6394, 20.9114



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.



71.6192, 69.4406, 69.9512



76.5370, 72.9108, 72.0954



76.1501, 78.5024, 71.4615



16.4994, 16.4829, 17.1095



20.2864, 10.4584, 0.9495



1.7830, 0.9193, 0.0835

Inverse Universe

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



74.9737, 84.7863, 98.0024



80.8588, 92.6815, 108.2353



69.9570, 74.7529, 96.3302



16.9966, 18.7575, 21.2673



26.4643, 38.7224, 52.6174



2.3260, 3.4034, 4.6246

Previews

White Background



This preview shows how the XYZ color 71.6173, 69.4375, 69.9497 looks on a white background.

Color Contrast Check

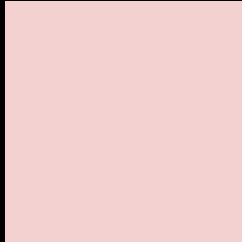
Large Text (above 18pt) WCAG AA × Fail

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 71.6173, 69.4375, 69.9497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

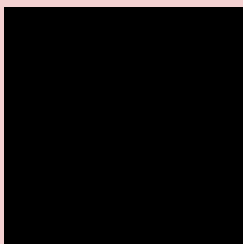
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6173, 69.4375, 69.9497

Background



This preview shows how black text looks on a background with the XYZ color 71.6173, 69.4375, 69.9497.

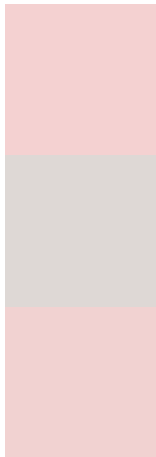


This preview shows how white text looks on a background with the XYZ color 71.6173, 69.4375,

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

71.6173, 69.4375, 69.9497

Protanopia

66.6903, 69.4454, 72.8401

Deuteranopia

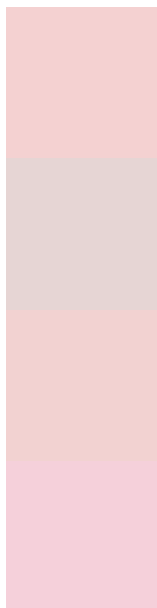
70.8308, 69.3974, 69.9835



Tritanopia

73.6381, 69.5462, 79.3546

Trichromacy



Original Color

71.6173, 69.4375, 69.9497

Protanomaly

68.3110, 69.1650, 72.0371

Deuteranomaly

71.1732, 69.5739, 69.9995

Tritanomaly

72.8670, 69.5862, 75.9206

Monochromacy



Original Color

71.6173, 69.4375, 69.9497

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5611, 70.0012, 74.1880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6173, 69.4375, 69.9497 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, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(244, 209, 209)  
}
```

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, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.6173, 69.4375, 69.9497 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, 209, 209) }
```


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

```
.border{ border-color:rgb(244, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(244, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6173, 69.4375, 69.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 209, 209) }
```

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

```
.background{ background-color: rgb(244,  
209, 209) }
```

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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