

Converting Colors

XYZ(72.4691, 70.4021, 75.4506)

Have a look what the booklet for
XYZ(72.4691, 70.4021, 75.4506)
contains.

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Color

**XYZ(72.4366, 70.4755,
75.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3D9
RGB	242, 211, 217
RGB Percent	95%, 83%, 85%
CMY	0.0510, 0.1725, 0.1490
CMYK	0.00, 0.13, 0.10, 0.05
HSL	348°, 54%, 89%
HSV	348°, 13%, 95%
XYZ	72.4366, 70.4755, 75.4310
YIQ	220.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

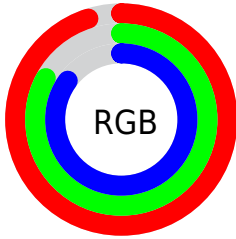
Format	Color
R _Y B	242, 211, 217
Decimal	15913945
CIE Lab	87.23, 11.76, 1.01
CIE LCh	87, 11.802, 4.932
Yxy	70.4755, 0.3318, 0.3228
Android (android.graphics.Color)	4294104025 (0xFFFF2D3D9)
YUV	220.9530, -1.9488, 18.4582
Hunter-Lab	83.9497, 7.1081, 5.4912

Details

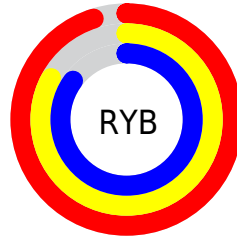
The XYZ color **72.4366, 70.4755, 75.4310** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7591, 83.4111, 91.5733**, and the grayscale version is **68.7010, 72.2788, 78.7116**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6598, 36.8247, 39.2527** is the 20% darker color. If you saturate the color by 10%, you get **64.4809, 58.3890, 60.9855**, and if you desaturate by 10%, it is **81.6017, 84.4984, 91.7627**.

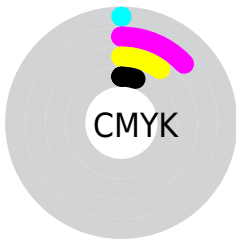
Distribution



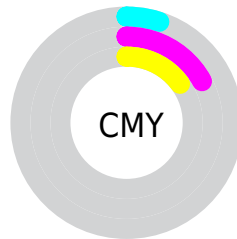
- Red (95%)
- Green (83%)
- Blue (85%)



- Red (95%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4366, 70.4755, 75.4310 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 72.4366, 70.4755, 75.4310 by changing the saturation by 10% instead.


 72.4366, 70.4755,
75.4310

 72.4366, 70.4755,
75.4310


458.1939,
462.2178, 498.6926

 53.8021, 51.9143,
55.4622


121.6845,
119.8866, 128.6750

 38.6735, 36.9368,
39.3708

153.0287,
151.5053, 162.7872

 26.6854, 25.1585,
26.7383


189.3401,
188.2452, 202.4511

 17.4725, 16.1952,
17.1460

230.9842,
230.4908, 248.0850

 10.6693, 9.6624,
10.1756

278.3262,
278.6265, 300.1076

 5.9106, 5.1757,
5.4084

331.7316,

 2.8309, 2.3507,

333.0366, 358.9373

2.4259

391.5657,
394.1056, 424.9928

■ 1.0650, 0.8004,
0.8005

■ 0.0000, 0.0000,
0.0000

■ 72.4366, 70.4755,
75.4310

■ 72.4366, 70.4755,
75.4310

■ 64.4809, 58.3890,
60.9855

■ 81.6017, 84.4984,
91.7627

■ 57.6778, 48.1448,
48.3535

■ 90.4283, 97.6174,
108.6837

■ 51.9750, 39.6549,
37.4638

■ 47.3136, 32.8204,
28.2392

■ 43.6292, 27.5324,
20.5962

■ 40.8500, 23.6691,
14.4440

■ 38.8940, 21.0902,
9.6822

■ 37.6634, 19.6263,
6.1971

■ 37.1277, 19.0812,
4.3958

Harmonies

Analogous

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



71.9296, 70.4755, 83.3868



72.4366, 70.4755, 75.4310



71.4502, 70.4755, 68.3230

Triad

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



72.4366, 70.4755, 75.4310



63.9790, 70.4755, 64.8894



64.7519, 70.4755, 91.4096

Complementary

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



72.4366, 70.4755, 75.4310



73.7591, 83.4111, 91.5733

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.



62.7095, 70.4755, 85.8124



72.4366, 70.4755, 75.4310



62.2720, 70.4755, 70.4483

Square

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



72.4366, 70.4755, 75.4310



66.5277, 70.4755, 62.5104



61.8137, 70.4755, 78.0556



67.4441, 70.4755, 92.9706

Rectangle

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



72.4366, 70.4755, 75.4310



70.0941, 70.4755, 64.9081



61.8137, 70.4755, 78.0556



63.9690, 70.4755, 89.9197

Sweetspot

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



72.4386, 70.4786, 75.4325



90.5854, 93.1453, 101.0167



73.8492, 70.8012, 93.7790



19.2147, 19.6697, 21.3128



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.



72.4386, 70.4786, 75.4325



79.4633, 76.1468, 81.1368



74.0500, 74.9272, 72.1913



15.8977, 15.8088, 17.0178



19.9826, 10.2655, 2.5588



1.6960, 0.8675, 0.3902

Inverse Universe

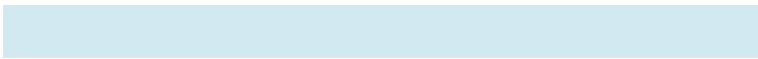
The Inverse Universe completely reimagines the original color for something new.



72.4386, 70.4786, 75.4325



79.4633, 76.1468, 81.1368



71.9475, 78.3701, 95.3402



15.8977, 15.8088, 17.0178



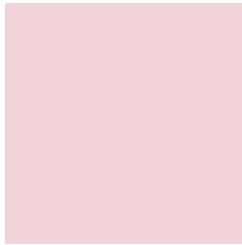
19.9826, 10.2655, 2.5588



1.6960, 0.8675, 0.3902

Previews

White Background



This preview shows how the XYZ color 72.4366, 70.4755, 75.4310 looks on a white background.

Color Contrast Check

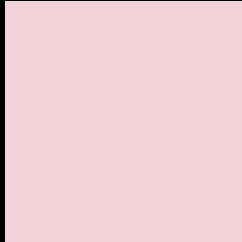
Large Text (above 18pt) WCAG AA × Fail

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 72.4366, 70.4755, 75.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

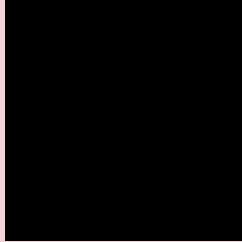
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4366, 70.4755, 75.4310

Background



This preview shows how black text looks on a background with the XYZ color 72.4366, 70.4755, 75.4310.



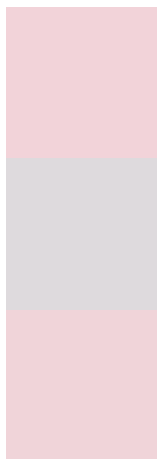
This preview shows how white text looks on a background with the XYZ color 72.4366, 70.4755,

75.4310.

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

72.4366, 70.4755, 75.4310

Protanopia

68.2467, 70.8929, 78.4933

Deuteranopia

72.0030, 70.6220, 75.4821



Tritanopia

73.7362, 70.6389, 81.6999

Trichromacy



Original Color

72.4366, 70.4755, 75.4310

Protanomaly

69.5318, 70.4262, 77.6390

Deuteranomaly

72.3435, 70.7975, 75.4980

Tritanomaly

73.3280, 70.4756, 79.5504

Monochromacy



Original Color

72.4366, 70.4755, 75.4310

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.0442, 71.4510, 77.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4366, 70.4755, 75.4310 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(242, 211, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 217)  
}
```

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(242, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 217) }
```

Border

The CSS property to change the border of an element to XYZ 72.4366, 70.4755, 75.4310 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(242, 211, 217) }
```


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

```
.border{ border-color:rgb(242, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4366, 70.4755, 75.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 217) }
```

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

```
.background{ background-color: rgb(242,  
211, 217) }
```

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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