

Converting Colors

XYZ(73.5600, 71.4041, 76.5109)

Have a look what the booklet for
XYZ(73.5600, 71.4041, 76.5109)
contains.

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Color

**XYZ(73.5066, 71.3820,
76.2336)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D4DA
RGB	244, 212, 218
RGB Percent	96%, 83%, 85%
CMY	0.0431, 0.1686, 0.1451
CMYK	0.00, 0.13, 0.11, 0.04
HSL	349°, 59%, 89%
HSV	349°, 13%, 96%
XYZ	73.5066, 71.3820, 76.2336
YIQ	222.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

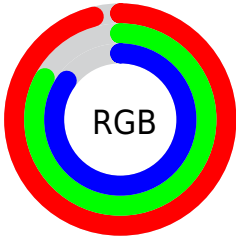
Format	Color
R_{YB}	244, 212, 218
Decimal	16045274
CIE _{Lab}	87.67, 12.10, 1.15
CIE _{LCh}	88, 12.150, 5.426
Yxy	71.3820, 0.3324, 0.3228
Android (android.graphics.Color)	4294235354 (0xFFFF4D4DA)
YUV	222.2520, -2.0962, 19.0730
Hunter-Lab	84.4879, 7.4458, 5.6440

Details

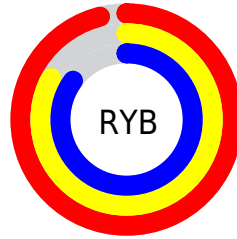
The XYZ color **73.5066, 71.3820, 76.2336** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9374, 84.8733, 93.3255**, and the grayscale version is **69.6167, 73.2422, 79.7608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4069, 37.4497, 39.8019** is the 20% darker color. If you saturate the color by 10%, you get **65.4208, 59.1167, 61.4939**, and if you desaturate by 10%, it is **82.8286, 85.6212, 92.9184**.

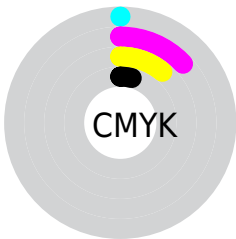
Distribution



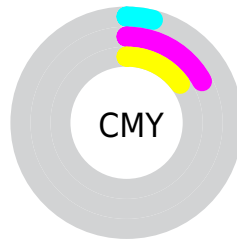
- Red (96%)
- Green (83%)
- Blue (85%)



- Red (96%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5066, 71.3820, 76.2336 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 73.5066, 71.3820, 76.2336 by changing the saturation by 10% instead.

 73.5066, 71.3820,
76.2336

 73.5066, 71.3820,
76.2336


461.8454,
465.3877, 501.5151

 54.6802, 52.6540,
56.1163


123.1954,
121.1775, 129.8202

 39.3785, 37.5266,
39.8915


154.7884,
153.0138, 164.1265

 27.2364, 25.6155,
27.1408


191.3677,
189.9883, 203.9996

 17.8883, 16.5362,
17.4457

233.2986,
232.4853, 249.8579

 10.9690, 9.9044,
10.3874

280.9465,
280.8894, 302.1201

 6.1132, 5.3356,
5.5476

334.6767,

 2.9553, 2.4455,

335.5849, 361.2047

2.5077

394.8545,
396.9562, 427.5302

■ 1.1302, 0.8491,
0.8442

■ 0.0501, 0.0000,
0.0000

■ 73.5066, 71.3820,
76.2336

■ 73.5066, 71.3820,
76.2336

■ 65.4208, 59.1167,
61.4939

■ 82.8286, 85.6212,
92.9184

■ 58.5130, 48.7290,
48.6237

■ 91.1186, 97.9733,
108.7160

■ 52.7294, 40.1288,
37.5488

■ 48.0094, 33.2146,
28.1886

■ 44.2868, 27.8751,
20.4560

■ 41.4877, 23.9853,
14.2563

■ 39.5275, 21.4009,
9.4844

■ 38.3054, 19.9479,
6.0210

■ 37.7963, 19.4284,
4.3144

Harmonies

Analogous

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



73.0051, 71.3820, 84.5025



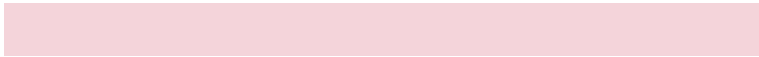
73.5066, 71.3820, 76.2336



72.4569, 71.3820, 68.8924

Triad

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



73.5066, 71.3820, 76.2336



64.6887, 71.3820, 65.5093



65.5708, 71.3820, 93.0470

Complementary

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



73.5066, 71.3820, 76.2336



74.9374, 84.8733, 93.3255

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.



63.4358, 71.3820, 87.2773



73.5066, 71.3820, 76.2336



62.9367, 71.3820, 71.3159

Square

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



73.5066, 71.3820, 76.2336



67.3244, 71.3820, 62.9873



62.4846, 71.3820, 79.2314



68.3712, 71.3820, 94.5940

Rectangle

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



73.5066, 71.3820, 76.2336



71.0358, 71.3820, 65.3887



62.4846, 71.3820, 79.2314



64.7540, 71.3820, 91.5181

Sweetspot

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



73.5086, 71.3852, 76.2351



90.5759, 93.1415, 100.9666



75.0006, 71.7299, 95.4811



19.2123, 19.6687, 21.3002



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

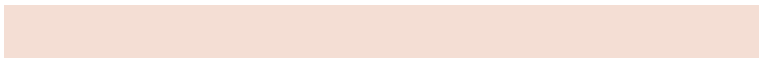
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5086, 71.3852, 76.2351



78.5014, 74.7201, 79.2838



75.2093, 76.0197, 73.0005



16.6260, 16.5332, 17.7770



20.5878, 10.5786, 2.5378



1.8433, 0.9433, 0.4012

Inverse Universe

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



73.5086, 71.3852, 76.2351



78.5014, 74.7201, 79.2838



73.0199, 79.6047, 97.1055



16.6260, 16.5332, 17.7770



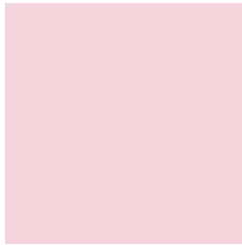
20.5878, 10.5786, 2.5378



1.8433, 0.9433, 0.4012

Previews

White Background



This preview shows how the XYZ color 73.5066, 71.3820, 76.2336 looks on a white background.

Color Contrast Check

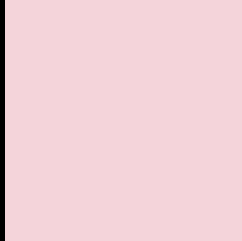
Large Text (above 18pt) WCAG AA × Fail

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 73.5066, 71.3820, 76.2336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

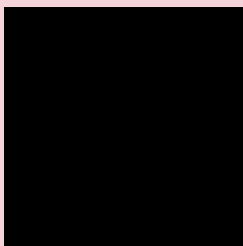
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5066, 71.3820, 76.2336

Background



This preview shows how black text looks on a background with the XYZ color 73.5066, 71.3820, 76.2336.



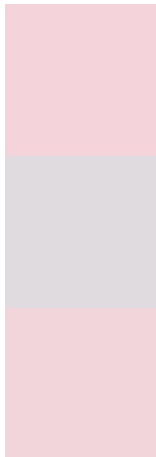
This preview shows how white text looks on a background with the XYZ color 73.5066, 71.3820,

76.2336.

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

73.5066, 71.3820, 76.2336

Protanopia

68.9478, 71.6249, 79.2983

Deuteranopia

73.0671, 71.5277, 76.2848



Tritanopia

74.8156, 71.5471, 82.5398

Trichromacy



Original Color

73.5066, 71.3820, 76.2336

Protanomaly

70.5620, 71.3211, 78.4539

Deuteranomaly

73.4113, 71.7051, 76.3010

Tritanomaly

74.4050, 71.3828, 80.3777

Monochromacy



Original Color

73.5066, 71.3820, 76.2336

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.7557, 72.1863, 78.6107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5066, 71.3820, 76.2336 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 218) }
```

Border

The CSS property to change the border of an element to XYZ 73.5066, 71.3820, 76.2336 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, 218) }
```


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

```
.border{ border-color:rgb(244, 212, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5066, 71.3820, 76.2336 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, 218) }
```

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

```
.background{ background-color: rgb(244,  
212, 218) }
```

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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