

Converting Colors

XYZ(74.1374, 71.7976, 75.6583)

Have a look what the booklet for
XYZ(74.1374, 71.7976, 75.6583)
contains.

XYZ(74.0739, 71.6896, 75.5790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.0739, 71.6896,
75.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D4D9
RGB	246, 212, 217
RGB Percent	96%, 83%, 85%
CMY	0.0353, 0.1686, 0.1490
CMYK	0.00, 0.14, 0.12, 0.04
HSL	351°, 65%, 90%
HSV	351°, 14%, 96%
XYZ	74.0739, 71.6896, 75.5790
YIQ	222.7360, 18.6590, 8.7630

Conversions

Conversions Part 2

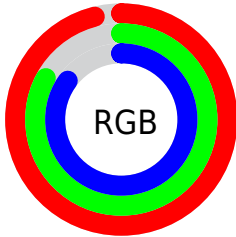
Format	Color
R _Y B	246, 212, 217
Decimal	16176345
CIE Lab	87.82, 12.63, 1.92
CIE LCh	88, 12.777, 8.621
Yxy	71.6896, 0.3347, 0.3239
Android (android.graphics.Color)	4294366425 (0xFFF6D4D9)
YUV	222.7360, -2.8278, 20.4025
Hunter-Lab	84.6697, 7.9900, 6.3446

Details

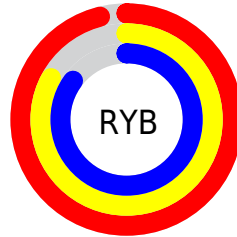
The XYZ color **74.0739, 71.6896, 75.5790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9871, 86.2612, 95.8685**, and the grayscale version is **69.9638, 73.6073, 80.1584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5648, 37.5414, 39.3433** is the 20% darker color. If you saturate the color by 10%, you get **65.8286, 59.2924, 60.2093**, and if you desaturate by 10%, it is **83.6073, 86.1058, 93.0921**.

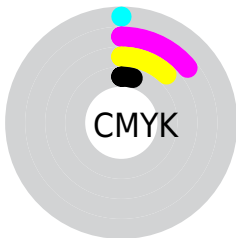
Distribution



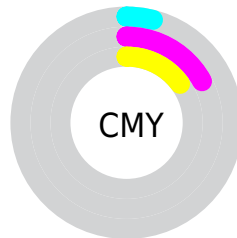
- Red (96%)
- Green (83%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0739, 71.6896, 75.5790 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 74.0739, 71.6896, 75.5790 by changing the saturation by 10% instead.


 74.0739, 71.6896,
75.5790

 74.0739, 71.6896,
75.5790


463.7748,
466.4605, 499.2137

 55.1460, 52.9052,
55.5828


123.9955,
121.6151, 128.8863

 39.7529, 37.7271,
39.4668


155.7199,
153.5250, 163.0344

 27.5293, 25.7709,
26.8124


192.4406,
190.5788, 202.7368

 18.1098, 16.6523,
17.2012

234.5228,
233.1609, 248.4122

 11.1290, 9.9869,
10.2146

282.3320,
281.6557, 300.4791

 6.2216, 5.3903,
5.4340

336.2335,

 3.0222, 2.4780,

336.4477, 359.3559

2.4409

396.5926,
397.9211, 425.4613

■ 1.1655, 0.8656,
0.8086

■ 0.0789, 0.0000,
0.0000

■ 74.0739, 71.6896,
75.5790

■ 74.0739, 71.6896,
75.5790

■ 65.8286, 59.2924,
60.2093

■ 83.6073, 86.1058,
93.0921

■ 58.8100, 48.8148,
46.8961

■ 91.8163, 98.3330,
108.7487

■ 52.9609, 40.1637,
35.5530

■ 48.2171, 33.2340,
26.0858

■ 44.5080, 27.9102,
18.3927

■ 41.7549, 24.0626,
12.3618

■ 39.8674, 21.5410,
7.8684

■ 38.7370, 20.1632,
4.7693

■ 38.3271, 19.7213,
3.4676

Harmonies

Analogous

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



73.7195, 71.6896, 84.3113



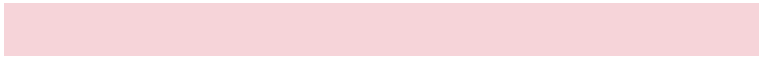
74.0739, 71.6896, 75.5790



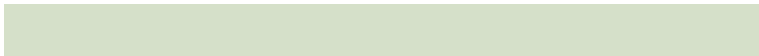
72.8014, 71.6896, 68.0825

Triad

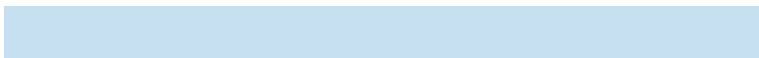
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0739, 71.6896, 75.5790



64.5604, 71.6896, 65.7128



66.0332, 71.6896, 94.6806

Complementary

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



74.0739, 71.6896, 75.5790



75.9871, 86.2612, 95.8685

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.



63.6797, 71.6896, 88.9627



74.0739, 71.6896, 75.5790



62.8471, 71.6896, 72.1214

Square

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



74.0739, 71.6896, 75.5790



67.2677, 71.6896, 62.6700



62.5295, 71.6896, 80.5902



69.0174, 71.6896, 95.7783

Rectangle

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



74.0739, 71.6896, 75.5790



71.2234, 71.6896, 64.6391



62.5295, 71.6896, 80.5902



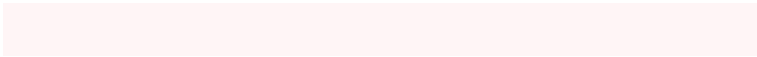
65.1446, 71.6896, 93.2158

Sweetspot

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



74.0759, 71.6928, 75.5805



90.5124, 93.1161, 100.6322



76.4217, 72.4273, 97.1415



19.1963, 19.6623, 21.2159



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.



74.0759, 71.6928, 75.5805



77.3536, 73.2352, 76.4023



76.5207, 77.6066, 73.2378



16.5983, 16.5222, 17.6314



20.4881, 10.5387, 2.0129



1.8302, 0.9380, 0.3321

Inverse Universe

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



74.0759, 71.6928, 75.5805



77.3536, 73.2352, 76.4023



73.2399, 79.5559, 98.6852



16.5983, 16.5222, 17.6314



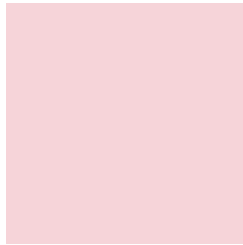
20.4881, 10.5387, 2.0129



1.8302, 0.9380, 0.3321

Previews

White Background



This preview shows how the XYZ color 74.0739, 71.6896, 75.5790 looks on a white background.

Color Contrast Check

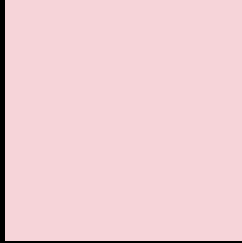
Large Text (above 18pt) WCAG AA × Fail

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 74.0739, 71.6896, 75.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

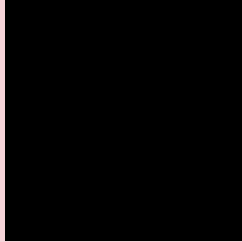
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0739, 71.6896, 75.5790

Background



This preview shows how black text looks on a background with the XYZ color 74.0739, 71.6896, 75.5790.



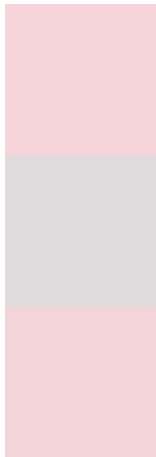
This preview shows how white text looks on a background with the XYZ color 74.0739, 71.6896,

75.5790.

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

74.0739, 71.6896, 75.5790

Protanopia

69.1231, 71.7308, 78.6089

Deuteranopia

73.2808, 71.6529, 75.6137



Tritanopia

75.2695, 71.4134, 82.4901

Trichromacy



Original Color

74.0739, 71.6896, 75.5790

Protanomaly

70.7528, 71.4348, 77.7694

Deuteranomaly

73.6269, 71.8314, 75.6299

Tritanomaly

74.9713, 71.6904, 79.6983

Monochromacy



Original Color

74.0739, 71.6896, 75.5790

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3377, 72.8724, 78.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0739, 71.6896, 75.5790 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(246, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 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(246, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.0739, 71.6896, 75.5790 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(246, 212, 217) }
```


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

```
.border{ border-color:rgb(246, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0739, 71.6896, 75.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 217) }
```

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

```
.background{ background-color: rgb(246,  
212, 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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