

Converting Colors

XYZ(74.1030, 74.8121, 70.1601)

Have a look what the booklet for
XYZ(74.1030, 74.8121, 70.1601)
contains.

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Color

**XYZ(74.2866, 74.9736,
70.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DCD0
RGB	244, 220, 208
RGB Percent	96%, 86%, 82%
CMY	0.0431, 0.1372, 0.1843
CMYK	0.00, 0.10, 0.15, 0.04
HSL	20°, 62%, 89%
HSV	20°, 15%, 96%
XYZ	74.2866, 74.9736, 70.2305
YIQ	225.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

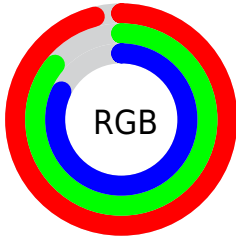
Format	Color
RYB	244, 226, 208
Decimal	16047312
CIELab	89.38, 6.34, 8.89
CIElCh	89, 10.918, 54.491
Yxy	74.9736, 0.3384, 0.3416
Android (android.graphics.Color)	4294237392 (0xFFF4DCD0)
YUV	225.8080, -8.7793, 15.9544
Hunter-Lab	86.5873, 1.6143, 12.5213

Details

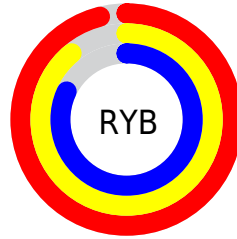
The XYZ color **74.2866, 74.9736, 70.2305** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1977, 77.6530, 96.8246**, and the grayscale version is **72.2040, 75.9642, 82.7251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0269, 39.9347, 36.1704** is the 20% darker color. If you saturate the color by 10%, you get **67.4502, 65.7406, 54.2629**, and if you desaturate by 10%, it is **82.0043, 85.2285, 88.7721**.

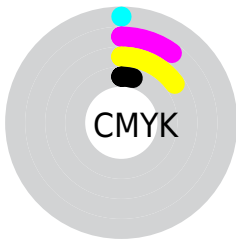
Distribution



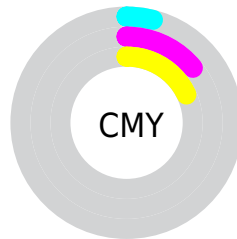
- Red (96%)
- Green (86%)
- Blue (82%)



- Red (96%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2866, 74.9736, 70.2305 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 74.2866, 74.9736, 70.2305 by changing the saturation by 10% instead.


 74.2866, 74.9736,
70.2305

 74.2866, 74.9736,
70.2305

464.4970,
477.8268, 480.1699

 55.3208, 55.5913,
51.2365


124.2953,
126.2750, 121.2216

 39.8934, 39.8753,
36.0188


156.0689,
158.9628, 154.0558

 27.6393, 27.4413,
24.1589


192.8424,
196.8546, 192.3405

 18.1930, 17.9050,
15.2383

234.9813,
240.3348, 236.4941

 11.1892, 10.8818,
8.8383

282.8508,
289.7877, 286.9354

 6.2625, 5.9874,
4.5405

336.8164,

 3.0475, 2.8374,

345.5977, 344.0827

1.9263

397.2433,
408.1493, 408.3547

■ 1.1789, 1.0474,
0.5094

■ 0.0896, 0.0000,
0.0000

■ 74.2866, 74.9736,
70.2305

■ 74.2866, 74.9736,
70.2305

■ 67.4502, 65.7406,
54.2629

■ 82.0043, 85.2285,
88.7721

■ 61.4561, 57.4876,
40.7497

■ 90.3366, 96.4094,
108.4554

■ 56.2713, 50.1842,
29.5691

■ 91.1185, 97.9732,
108.7160

■ 51.8582, 43.7944,
20.5866

■ 48.1758, 38.2802,
13.6540

■ 45.1789, 33.6003,
8.6046

■ 42.8163, 29.7094,
5.2447

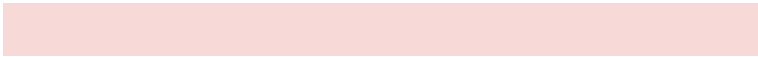
■ 41.0274, 26.5569,
3.3377

■ 40.2782, 25.1725,
2.7359

Harmonies

Analogous

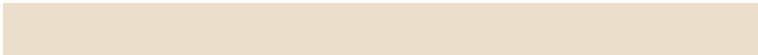
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0393, 74.9736, 75.6835



74.2866, 74.9736, 70.2305



71.7546, 74.9736, 67.8439

Triad

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



74.2866, 74.9736, 70.2305



66.2668, 74.9736, 80.2289



73.4116, 74.9736, 95.7714

Complementary

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



74.2866, 74.9736, 70.2305



71.1977, 77.6530, 96.8246

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.



70.7680, 74.9736, 97.1754



74.2866, 74.9736, 70.2305



66.6855, 74.9736, 87.8874

Square

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



74.2866, 74.9736, 70.2305



67.1586, 74.9736, 73.3807



68.3171, 74.9736, 94.2085



75.5254, 74.9736, 90.4829

Rectangle

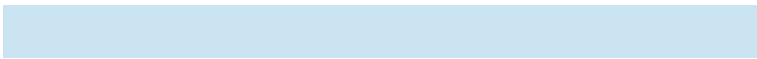
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2866, 74.9736, 70.2305



69.9821, 74.9736, 68.1983



68.3171, 74.9736, 94.2085



72.5537, 74.9736, 96.7266

Sweetspot

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



74.2886, 74.9769, 70.2321



91.3202, 95.0990, 99.7691



74.4304, 70.1720, 85.9664



19.4000, 20.1623, 20.9986



0.0000, 0.0000, 0.0000



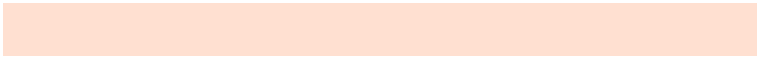
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2886, 74.9769, 70.2321



79.5259, 79.3982, 71.5205



79.2687, 84.9370, 71.8921



16.9506, 17.3853, 17.2599



22.0128, 13.9112, 1.5249



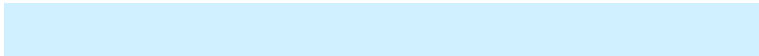
2.0254, 1.4040, 0.1642

Inverse Universe

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



71.1977, 77.6530, 96.8246



75.4429, 82.9301, 106.6386



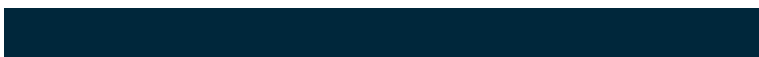
66.3891, 68.0357, 95.2217



16.5040, 17.7723, 21.1031



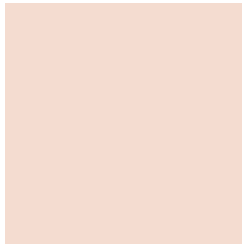
16.0960, 17.9859, 49.1613



1.5089, 1.7693, 4.3522

Previews

White Background



This preview shows how the XYZ color 74.2866, 74.9736, 70.2305 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 74.2866, 74.9736, 70.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

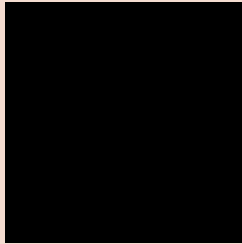
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2866, 74.9736, 70.2305

Background



This preview shows how black text looks on a background with the XYZ color 74.2866, 74.9736, 70.2305.



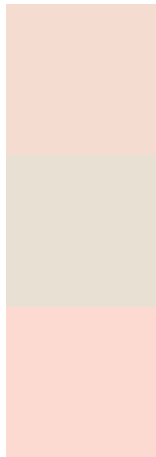
This preview shows how white text looks on a background with the XYZ color 74.2866, 74.9736,

70.2305.

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

74.2866, 74.9736, 70.2305

Protanopia

71.5672, 75.1203, 71.7004

Deuteranopia

76.4664, 74.9246, 70.7533



Tritanopia

77.6216, 74.7691, 87.4316

Trichromacy



Original Color

74.2866, 74.9736, 70.2305

Protanomaly

72.4884, 75.2117, 71.0184

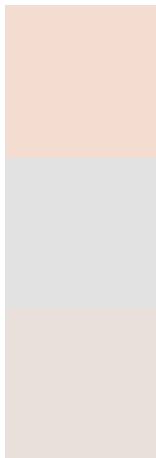
Deuteranomaly

75.6469, 74.8860, 70.7890

Tritanomaly

76.2734, 74.6004, 80.9003

Monochromacy



Original Color

74.2866, 74.9736, 70.2305

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.0461, 75.7494, 77.7890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2866, 74.9736, 70.2305 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, 220, 208) looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 208)  
}
```

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, 220, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 208) }
```

Border

The CSS property to change the border of an element to XYZ 74.2866, 74.9736, 70.2305 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, 220, 208) }
```


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

```
.border{ border-color:rgb(244, 220, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2866, 74.9736, 70.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 208) }
```

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

```
.background{ background-color: rgb(244,  
220, 208) }
```

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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