

Converting Colors

XYZ(71.4721, 72.8337, 63.4294)

Have a look what the booklet for
XYZ(71.4721, 72.8337, 63.4294)
contains.

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Color

**XYZ(71.5401, 72.9208,
63.7306)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DAC6
RGB	241, 218, 198
RGB Percent	95%, 85%, 78%
CMY	0.0549, 0.1451, 0.2235
CMYK	0.00, 0.10, 0.18, 0.05
HSL	28°, 61%, 86%
HSV	28°, 18%, 95%
XYZ	71.5401, 72.9208, 63.7306
YIQ	222.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

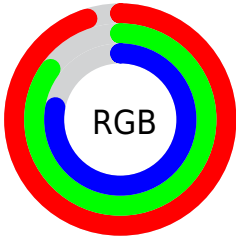
Format	Color
R _Y B	241, 235, 198
Decimal	15850182
CIE Lab	88.41, 4.78, 12.72
CIE LCh	88, 13.586, 69.410
Yxy	72.9208, 0.3436, 0.3503
Android (android.graphics.Color)	4294040262 (0xFFF1DAC6)
YUV	222.5970, -12.1263, 16.1394
Hunter-Lab	85.3937, 0.1027, 15.5265

Details

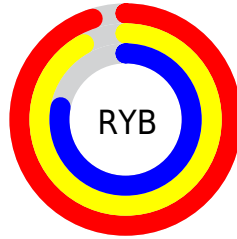
The XYZ color **71.5401, 72.9208, 63.7306** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0220, 70.0680, 93.3172**, and the grayscale version is **69.9283, 73.5700, 80.1177**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1388, 38.5223, 31.8110** is the 20% darker color. If you saturate the color by 10%, you get **65.7658, 65.4721, 49.1652**, and if you desaturate by 10%, it is **78.0206, 81.0728, 80.7152**.

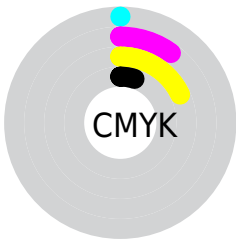
Distribution



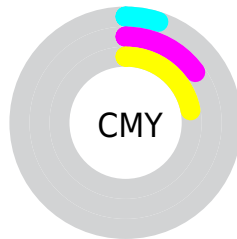
- Red (95%)
- Green (85%)
- Blue (78%)



- Red (95%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5401, 72.9208, 63.7306 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 71.5401, 72.9208, 63.7306 by changing the saturation by 10% instead.

71.5401, 72.9208,
63.7306

71.5401, 72.9208,
63.7306

455.1218,
470.7403, 456.3969

53.0672, 53.9112,
45.9877

120.4168,
123.3648, 111.8186

38.0841, 38.5307,
31.8875

151.5513,
155.5679, 143.0008

26.2255, 26.3948,
21.0115

187.6370,
192.9377, 179.4999

17.1260, 17.1192,
12.9411

229.0394,
235.8586, 221.7343

10.4202, 10.3195,
7.2577

276.1237,
284.7149, 270.1227

5.7428, 5.6113,
3.5429

329.2552,

2.7285, 2.6102,

339.8910, 325.0836

1.3781

388.7995,
401.7713, 387.0354

■ 1.0119, 0.9318,
0.1245

■ 0.0000, 0.0000,
0.0000

■ 71.5401, 72.9208,
63.7306

■ 71.5401, 72.9208,
63.7306

■ 65.7658, 65.4721,
49.1652

■ 78.0206, 81.0728,
80.7152

■ 60.6650, 58.6967,
36.9026

■ 85.2266, 89.9375,
100.2190

■ 56.2112, 52.5768,
26.8235

■ 90.0859, 97.4409,
108.6677

■ 52.3732, 47.0899,
18.7958

■ 49.1172, 42.2118,
12.6732

■ 46.4051, 37.9163,
8.2895

■ 44.1931, 34.1744,
5.4491

■ 42.4238, 30.9512,
3.8875

■ 42.0833, 30.3156,
3.6335

Harmonies

Analogous

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



74.2729, 72.9208, 68.5235



71.5401, 72.9208, 63.7306



68.2878, 72.9208, 62.9509

Triad

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



71.5401, 72.9208, 63.7306



63.2990, 72.9208, 82.3739



73.3710, 72.9208, 94.1136

Complementary

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



71.5401, 72.9208, 63.7306



65.0220, 70.0680, 93.3172

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.



70.3404, 72.9208, 98.4869



71.5401, 72.9208, 63.7306



64.5714, 72.9208, 91.3669

Square

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



71.5401, 72.9208, 63.7306



63.5974, 72.9208, 73.2424



67.1248, 72.9208, 97.4440



75.3528, 72.9208, 85.8899

Rectangle

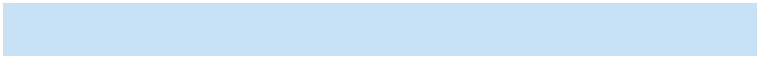
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5401, 72.9208, 63.7306



66.2721, 72.9208, 64.7450



67.1248, 72.9208, 97.4440



72.4373, 72.9208, 96.1109

Sweetspot

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



71.5421, 72.9241, 63.7321



90.9279, 94.9324, 97.7328



69.6085, 64.3451, 77.6134



19.3419, 20.1705, 20.5955



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.



71.5421, 72.9241, 63.7321



79.1307, 80.0885, 66.8243



77.2920, 84.4239, 65.6488



16.3789, 16.9710, 16.5622



22.9528, 16.7036, 2.0144



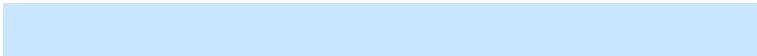
2.0081, 1.5868, 0.2005

Inverse Universe

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



65.0220, 70.0680, 93.3172



70.5797, 76.3422, 105.6233



59.8558, 59.7357, 91.5951



15.5973, 16.6287, 20.1092



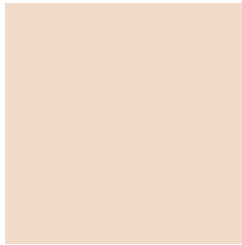
12.9948, 12.2139, 46.8005



1.1806, 1.2151, 3.9265

Previews

White Background



This preview shows how the XYZ color 71.5401, 72.9208, 63.7306 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 71.5401, 72.9208, 63.7306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

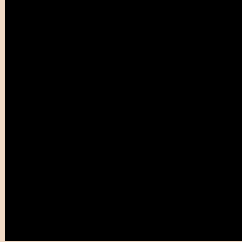
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5401, 72.9208, 63.7306

Background



This preview shows how black text looks on a background with the XYZ color 71.5401, 72.9208, 63.7306.



This preview shows how white text looks on a background with the XYZ color 71.5401, 72.9208,

63.7306.

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

71.5401, 72.9208, 63.7306

Protanopia

69.2368, 72.8720, 65.0601

Deuteranopia

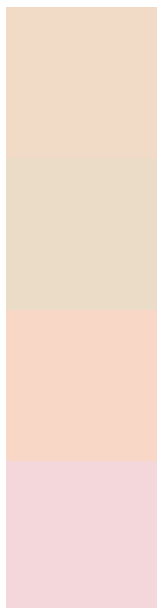
74.5003, 72.9121, 64.1797



Tritanopia

75.7334, 72.7141, 84.9066

Trichromacy



Original Color

71.5401, 72.9208, 63.7306

Protanomaly

70.1630, 72.9721, 64.4199

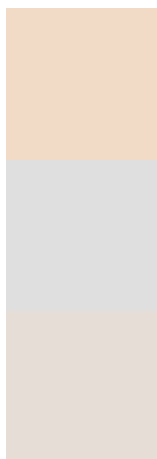
Deuteranomaly

73.3206, 72.6809, 64.1972

Tritanomaly

74.2636, 72.8959, 76.4859

Monochromacy



Original Color

71.5401, 72.9208, 63.7306

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6272, 73.3909, 74.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5401, 72.9208, 63.7306 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(241, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 198)  
}
```

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(241, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 198) }
```

Border

The CSS property to change the border of an element to XYZ 71.5401, 72.9208, 63.7306 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(241, 218, 198) }
```


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

```
.border{ border-color:rgb(241, 218, 198) }
```

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

Here you see how a box with a 4 pixel rgb(241, 218, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5401, 72.9208, 63.7306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 198) }
```

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

```
.background{ background-color: rgb(241,  
218, 198) }
```

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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