

Converting Colors

XYZ(72.4661, 74.0764, 64.5130)

Have a look what the booklet for
XYZ(72.4661, 74.0764, 64.5130)
contains.

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Color

**XYZ(72.5200, 74.1872,
64.5302)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F2DCC7 |
| RGB | 242, 220, 199 |
| RGB Percent | 95%, 86%, 78% |
| CMY | 0.0510, 0.1372, 0.2196 |
| CMYK | 0.00, 0.09, 0.18, 0.05 |
| HSL | 29°, 62%, 86% |
| HSV | 29°, 18%, 95% |
| XYZ | 72.5200, 74.1872, 64.5302 |
| YIQ | 224.1840, 19.8530, -1.8670 |

Conversions

Conversions Part 2

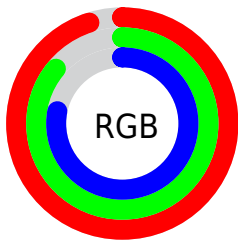
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 240, 199 |
| Decimal | 15916231 |
| CIE Lab | 89.01, 4.25, 13.06 |
| CIE LCh | 89, 13.734, 71.952 |
| Yxy | 74.1872, 0.3433, 0.3512 |
| Android (android.graphics.Color) | 4294106311 (0xFFFF2DCC7) |
| YUV | 224.1840, -12.4157, 15.6246 |
| Hunter-Lab | 86.1320, -0.4405, 15.8722 |

Details

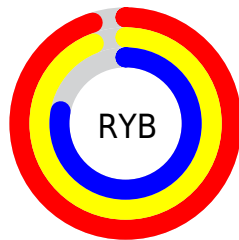
The XYZ color **72.5200, 74.1872, 64.5302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4363, 70.2643, 94.1185**, and the grayscale version is **71.0608, 74.7615, 81.4153**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8157, 39.3937, 32.3460** is the 20% darker color. If you saturate the color by 10%, you get **66.8017, 66.8949, 49.8466**, and if you desaturate by 10%, it is **78.9298, 82.1461, 81.6505**.

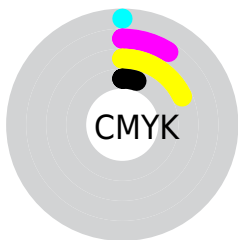
Distribution



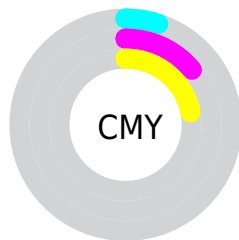
- Red (95%)
- Green (86%)
- Blue (78%)



- Red (95%)
- Yellow (94%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5200, 74.1872, 64.5302 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 72.5200, 74.1872, 64.5302 by changing the saturation by 10% instead.

72.5200, 74.1872,
64.5302

72.5200, 74.1872,
64.5302

458.4791,
475.1192, 459.3617

53.8705, 54.9473,
46.6313

121.8024,
125.1611, 112.9810

38.7284, 39.3595,
32.3920

153.1660,
157.6639, 144.3699

26.7283, 27.0395,
21.3938

189.4983,
195.3565, 181.0926

17.5048, 17.6029,
13.2181

231.1648,
238.6232, 223.5677

10.6926, 10.6653,
7.4464

278.5308,
287.8484, 272.2135

5.9263, 5.8422,
3.6602

331.9616,

2.8405, 2.7494,

343.4165, 327.4488

1.4408

391.8226,
405.7120, 389.6920

■ 1.0700, 1.0023,
0.1733

■ 0.0000, 0.0000,
0.0000

■ 72.5200, 74.1872,
64.5302

■ 72.5200, 74.1872,
64.5302

■ 66.8017, 66.8949,
49.8466

■ 78.9298, 82.1461,
81.6505

■ 61.7426, 60.2404,
37.4822

■ 86.0498, 90.7795,
101.3081

■ 57.3167, 54.2073,
27.3169

■ 90.4282, 97.6174,
108.6837

■ 53.4934, 48.7745,
19.2178

■ 50.2394, 43.9194,
13.0374

■ 47.5172, 39.6175,
8.6081

■ 45.2836, 35.8413,
5.7331

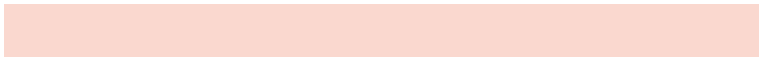
■ 43.4822, 32.5580,
4.1477

■ 43.1217, 31.8844,
3.8815

Harmonies

Analogous

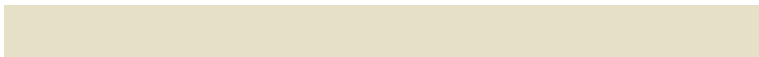
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3946, 74.1872, 69.1016



72.5200, 74.1872, 64.5302



69.1919, 74.1872, 64.0955

Triad

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



72.5200, 74.1872, 64.5302



64.4180, 74.1872, 84.6439



74.8910, 74.1872, 95.2336

Complementary

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



72.5200, 74.1872, 64.5302



65.4363, 70.2643, 94.1185

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.



71.8502, 74.1872, 100.1280



72.5200, 74.1872, 64.5302



65.8462, 74.1872, 93.6991

Square

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



72.5200, 74.1872, 64.5302



64.5845, 74.1872, 75.2150



68.5428, 74.1872, 99.5452



76.7930, 74.1872, 86.6072

Rectangle

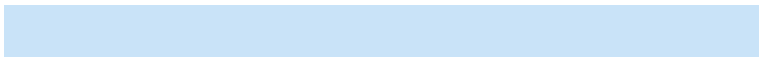
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5200, 74.1872, 64.5302



67.1703, 74.1872, 66.1628



68.5428, 74.1872, 99.5452



73.9641, 74.1872, 97.3994

Sweetspot

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



72.5220, 74.1905, 64.5318



91.0192, 95.1150, 97.7632



70.1223, 64.9571, 77.4011



19.3641, 20.2149, 20.6029



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

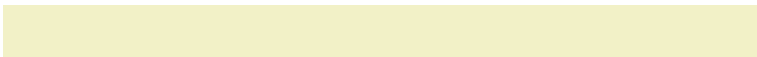
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5220, 74.1905, 64.5318



79.4714, 80.7697, 66.9378



78.4667, 86.0800, 66.5133



16.4102, 17.0336, 16.5726



23.3011, 17.4003, 2.1305



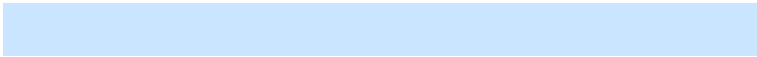
2.0377, 1.6461, 0.2103

Inverse Universe

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



65.4363, 70.2643, 94.1185



70.2341, 75.6511, 105.5081



60.1699, 59.7314, 92.3631



15.5658, 16.5657, 20.0987



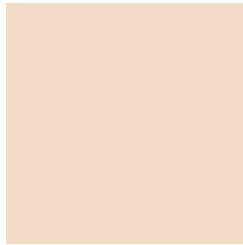
12.6050, 11.4342, 46.6705



1.1482, 1.1504, 3.9158

Previews

White Background



This preview shows how the XYZ color 72.5200, 74.1872, 64.5302 looks on a white background.

Color Contrast Check

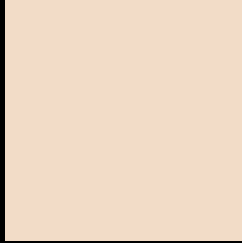
Large Text (above 18pt) WCAG AA × Fail

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 72.5200, 74.1872, 64.5302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

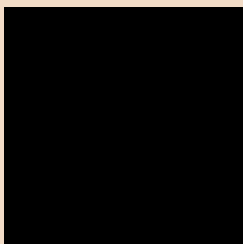
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

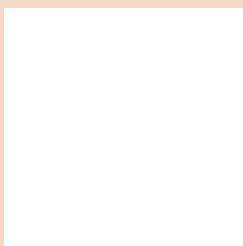
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5200, 74.1872, 64.5302

Background



This preview shows how black text looks on a background with the XYZ color 72.5200, 74.1872, 64.5302.



This preview shows how white text looks on a background with the XYZ color 72.5200, 74.1872,

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

72.5200, 74.1872, 64.5302

Protanopia

70.5346, 74.3160, 65.8852

Deuteranopia

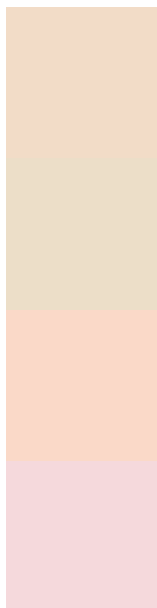
75.8542, 74.3527, 64.9971



Tritanopia

76.8720, 74.0199, 86.5796

Trichromacy



Original Color

72.5200, 74.1872, 64.5302

Protanomaly

71.1387, 74.2455, 65.2250

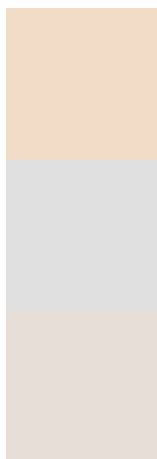
Deuteranomaly

74.6625, 74.1198, 65.0150

Tritanomaly

75.3873, 74.2055, 78.0599

Monochromacy



Original Color

72.5200, 74.1872, 64.5302

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6084, 74.6706, 74.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5200, 74.1872, 64.5302 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, 220, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 199)  
}
```

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, 220, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 199) }
```

Border

The CSS property to change the border of an element to XYZ 72.5200, 74.1872, 64.5302 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, 220, 199) }
```


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

```
.border{ border-color:rgb(242, 220, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 220, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 220, 199); box-shadow:4px 4px 4px 4px rgb(242, 220, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5200, 74.1872, 64.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 199) }
```

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

```
.background{ background-color: rgb(242,  
220, 199) }
```

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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