

Converting Colors

XYZ(75.1646, 72.4283, 64.6629)

Have a look what the booklet for
XYZ(75.1646, 72.4283, 64.6629)
contains.

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Color

**XYZ(75.2088, 72.5171,
64.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4C8
RGB	255, 212, 200
RGB Percent	100%, 83%, 78%
CMY	0.0000, 0.1686, 0.2157
CMYK	0.00, 0.17, 0.22, 0.00
HSL	13°, 100%, 89%
HSV	13°, 22%, 100%
XYZ	75.2088, 72.5171, 64.6768
YIQ	223.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

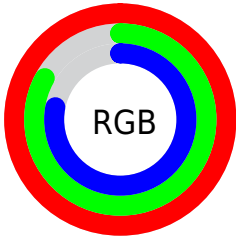
Format	Color
R _Y B	255, 215, 200
Decimal	16766152
CIE Lab	88.22, 13.26, 11.56
CIE LCh	88, 17.589, 41.095
Yxy	72.5171, 0.3541, 0.3414
Android (android.graphics.Color)	4294956232 (0xFFFFD4C8)
YUV	223.4890, -11.5801, 27.6351
Hunter-Lab	85.1570, 8.6226, 14.5791

Details

The XYZ color **75.2088, 72.5171, 64.6768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9190, 83.5979, 106.8478**, and the grayscale version is **70.5537, 74.2280, 80.8343**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5340, 38.1950, 32.4301** is the 20% darker color. If you saturate the color by 10%, you get **67.7945, 62.0666, 48.7081**, and if you desaturate by 10%, it is **83.7389, 84.4033, 83.4713**.

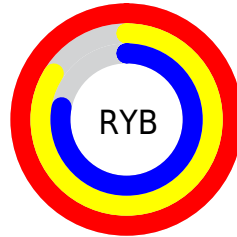
Distribution



Red (100%)

Green (83%)

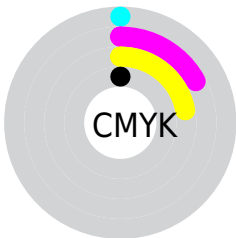
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

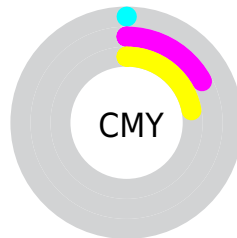


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2088, 72.5171, 64.6768 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 75.2088, 72.5171, 64.6768 by changing the saturation by 10% instead.

75.2088, 72.5171,
64.6768

75.2088, 72.5171,
64.6768

467.6211,
469.3394, 459.9040

56.0787, 53.5812,
46.7494

125.5942,
122.7914, 113.1939

40.5033, 38.2669,
32.4846

157.5803,
154.8986, 144.6206

28.1171, 26.1899,
21.4641

194.5824,
192.1651, 181.3842

18.5549, 16.9658,
13.2691

236.9659,
234.9751, 223.9032

11.4512, 10.2101,
7.4812

285.0962,
283.7132, 272.5962

6.4407, 5.5385,
3.6819

339.3385,

3.1580, 2.5665,

338.7637, 327.8816

1.4525

400.0584,
400.5110, 390.1780

■ 1.2379, 0.9099,
0.1822

■ 0.1360, 0.0000,
0.0000

■ 75.2088, 72.5171,
64.6768

■ 75.2088, 72.5171,
64.6768

■ 67.7945, 62.0666,
48.7081

■ 83.7389, 84.4033,
83.4713

■ 61.4438, 52.9877,
35.4236

■ 93.4238, 97.7670,
105.2150

■ 56.1081, 45.2255,
24.6761

95.0500, 100.0000,
108.9000

■ 51.7326, 38.7178,
16.3023

■ 48.2575, 33.3971,
10.1199

■ 45.6152, 29.1894,
5.9194

■ 43.7278, 26.0115,
3.4501

■ 42.6377, 24.0555,
2.3959

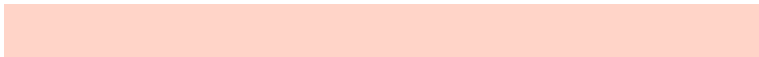
Harmonies

Analogous

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



77.1797, 72.5171, 74.5800



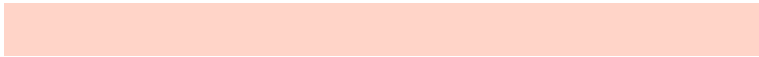
75.2088, 72.5171, 64.6768



71.5820, 72.5171, 58.9906

Triad

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



75.2088, 72.5171, 64.6768



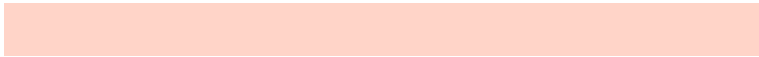
61.5458, 72.5171, 71.6819



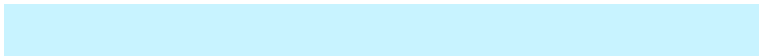
70.4952, 72.5171, 103.9689

Complementary

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



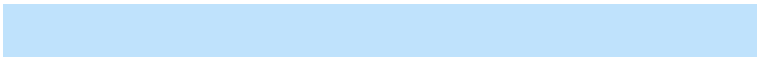
75.2088, 72.5171, 64.6768



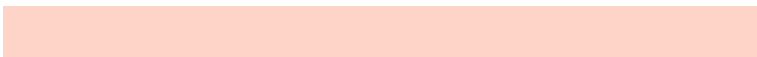
73.9190, 83.5979, 106.8478

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.



66.3353, 72.5171, 102.9901



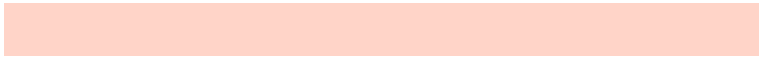
75.2088, 72.5171, 64.6768



61.2815, 72.5171, 83.5057

Square

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



75.2088, 72.5171, 64.6768



63.7392, 72.5171, 62.7416



63.0020, 72.5171, 95.2022



74.3854, 72.5171, 97.7543

Rectangle

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



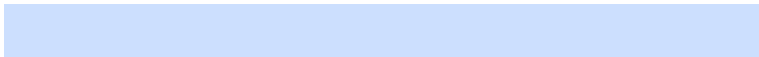
75.2088, 72.5171, 64.6768



68.7707, 72.5171, 57.9703



63.0020, 72.5171, 95.2022



69.0802, 72.5171, 104.4854

Sweetspot

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



75.2106, 72.5203, 64.6783



88.9861, 91.6583, 95.2064



78.0849, 69.0454, 94.0718



18.9109, 19.4313, 20.0732



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.



75.2106, 72.5203, 64.6783



71.7892, 67.7141, 57.2600



82.6543, 87.4077, 67.1595



18.3308, 18.6297, 18.7741



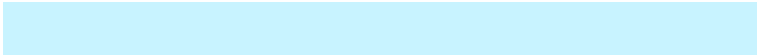
22.3677, 12.7467, 1.2814



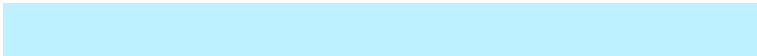
2.2540, 1.3934, 0.1502

Inverse Universe

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



73.9190, 83.5979, 106.8478



70.2778, 80.6322, 106.4673



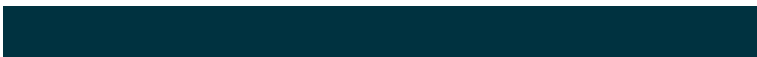
66.3193, 68.3986, 104.3146



18.1987, 19.7690, 23.1066



20.2590, 25.4277, 53.2749



2.0519, 2.6344, 5.2136

Previews

White Background



This preview shows how the XYZ color 75.2088, 72.5171, 64.6768 looks on a white background.

Color Contrast Check

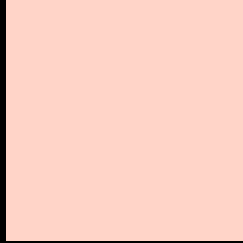
Large Text (above 18pt) WCAG AA × Fail

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 75.2088, 72.5171, 64.6768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

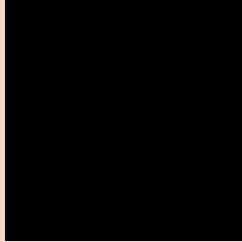
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2088, 72.5171, 64.6768

Background



This preview shows how black text looks on a background with the XYZ color 75.2088, 72.5171, 64.6768.



This preview shows how white text looks on a background with the XYZ color 75.2088, 72.5171,

64.6768.

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

75.2088, 72.5171, 64.6768

Protanopia

69.1890, 72.7787, 68.1586

Deuteranopia

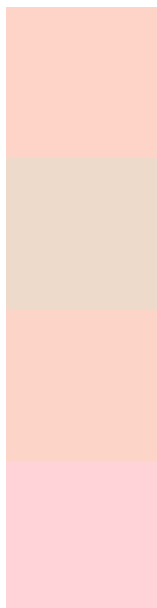
74.2556, 72.7725, 64.7764



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

75.2088, 72.5171, 64.6768

Protanomaly

71.1108, 72.6317, 66.7713

Deuteranomaly

74.3645, 72.4541, 64.7092

Tritanomaly

76.8000, 72.7548, 74.2853

Monochromacy



Original Color

75.2088, 72.5171, 64.6768

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.8582, 73.2315, 74.6377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2088, 72.5171, 64.6768 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(255, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 200)  
}
```

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(255, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 200) }
```

Border

The CSS property to change the border of an element to XYZ 75.2088, 72.5171, 64.6768 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(255, 212, 200) }
```


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

```
.border{ border-color:rgb(255, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2088, 72.5171, 64.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 200) }
```

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

```
.background{ background-color: rgb(255,  
212, 200) }
```

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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