

Converting Colors

XYZ(75.1532, 72.8541, 63.2766)

Have a look what the booklet for
XYZ(75.1532, 72.8541, 63.2766)
contains.

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Color

**XYZ(75.2273, 72.9257,
63.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C6
RGB	255, 213, 198
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1647, 0.2235
CMYK	0.00, 0.16, 0.22, 0.00
HSL	16°, 100%, 89%
HSV	16°, 22%, 100%
XYZ	75.2273, 72.9257, 63.5372
YIQ	223.8480, 29.8470, 4.2390

Conversions

Conversions Part 2

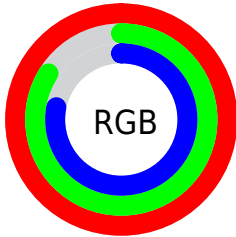
Format	Color
R _Y B	255, 218, 198
Decimal	16766406
CIE Lab	88.41, 12.45, 12.89
CIE LCh	88, 17.923, 45.996
Yxy	72.9257, 0.3554, 0.3445
Android (android.graphics.Color)	4294956486 (0xFFFFD5C6)
YUV	223.8480, -12.7431, 27.3203
Hunter-Lab	85.3965, 7.7998, 15.6643

Details

The XYZ color **75.2273, 72.9257, 63.5372** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4978, 81.5434, 106.5262**, and the grayscale version is **70.8177, 74.5057, 81.1367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5496, 38.4731, 31.6744** is the 20% darker color. If you saturate the color by 10%, you get **68.0752, 62.9390, 47.8432**, and if you desaturate by 10%, it is **83.4255, 84.2118, 82.0246**.

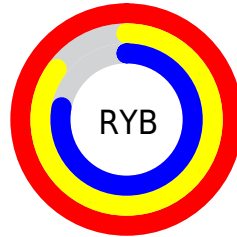
Distribution



Red (100%)

Green (84%)

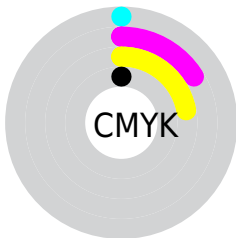
Blue (78%)



Red (100%)

Yellow (85%)

Blue (78%)

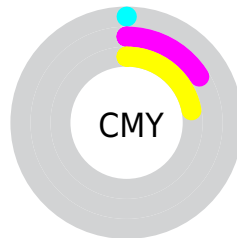


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2273, 72.9257, 63.5372 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 75.2273, 72.9257, 63.5372 by changing the saturation by 10% instead.


 75.2273, 72.9257,
63.5372

 75.2273, 72.9257,
63.5372


467.6836,
470.7573, 455.6780

 56.0940, 53.9152,
45.8321


125.6203,
123.3717, 111.5372

 40.5156, 38.5339,
31.7657

157.6106,
155.5761, 142.6692

 28.1267, 26.3973,
20.9192

194.6172,
192.9471, 179.1140

 18.5622, 17.1211,
12.8743

237.0057,
235.8693, 221.2901

 11.4565, 10.3209,
7.2124

285.1411,
284.7270, 269.6160

 6.4443, 5.6122,
3.5148

339.3891,

 3.1603, 2.6108,

339.9047, 324.5102

1.3631

400.1148,
401.7866, 386.3914

■ 1.2391, 0.9321,
0.1127

■ 0.1369, 0.0000,
0.0000

■ 75.2273, 72.9257,
63.5372

■ 75.2273, 72.9257,
63.5372

■ 68.0752, 62.9390,
47.8432

■ 83.4255, 84.2118,
82.0246

■ 61.9207, 54.1949,
34.8015

■ 92.7054, 96.8323,
103.4282

■ 56.7190, 46.6467,
24.2651

95.0500, 100.0000,
108.9000

■ 52.4194, 40.2406,
16.0711

■ 48.9666, 34.9189,
10.0369

■ 46.2980, 30.6182,
5.9525

■ 44.3413, 27.2676,
3.5649

■ 43.2548, 25.2895,
2.6016

Harmonies

Analogous

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



77.5828, 72.9257, 73.0459



75.2273, 72.9257, 63.5372



71.3370, 72.9257, 58.5435

Triad

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



75.2273, 72.9257, 63.5372



61.5852, 72.9257, 73.8016



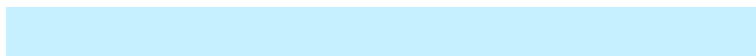
71.6208, 72.9257, 104.4534

Complementary

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



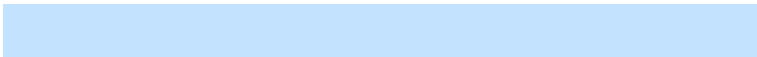
75.2273, 72.9257, 63.5372



72.4978, 81.5434, 106.5262

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.



67.3290, 72.9257, 104.7098



75.2273, 72.9257, 63.5372



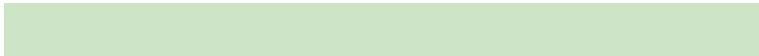
61.6541, 72.9257, 86.1201

Square

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



75.2273, 72.9257, 63.5372



63.5262, 72.9257, 64.0409



63.7184, 72.9257, 97.7135



75.4424, 72.9257, 97.0456

Rectangle

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



75.2273, 72.9257, 63.5372



68.4523, 72.9257, 58.0754



63.7184, 72.9257, 97.7135



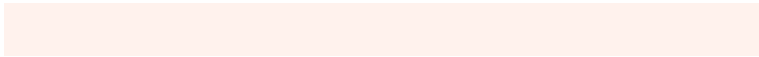
70.1823, 72.9257, 105.4030

Sweetspot

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



75.2290, 72.9289, 63.5387



88.2552, 90.7976, 93.1099



77.2743, 67.9848, 92.0733



18.7703, 19.2713, 19.6527



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.



75.2290, 72.9289, 63.5387



71.7771, 68.1279, 55.9050



82.8147, 88.1002, 66.0673



18.3982, 18.7645, 18.7966



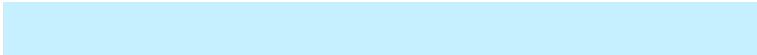
22.7042, 13.4197, 1.3936



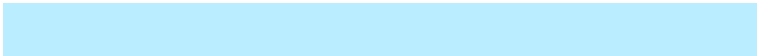
2.2952, 1.4758, 0.1639

Inverse Universe

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



72.4978, 81.5434, 106.5262



68.5843, 78.1742, 106.0821



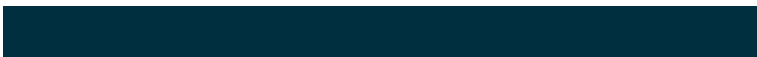
64.9454, 66.4386, 104.0087



18.1265, 19.6246, 23.0825



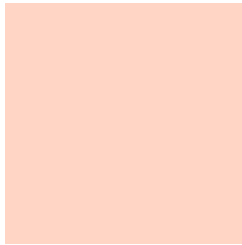
18.9423, 22.7941, 52.8359



1.9336, 2.3978, 5.1742

Previews

White Background



This preview shows how the XYZ color 75.2273, 72.9257, 63.5372 looks on a white background.

Color Contrast Check

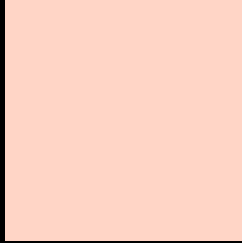
Large Text (above 18pt) WCAG AA × Fail

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 75.2273, 72.9257, 63.5372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

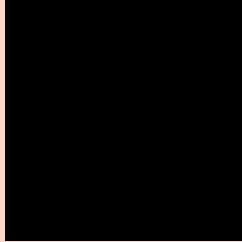
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2273, 72.9257, 63.5372

Background



This preview shows how black text looks on a background with the XYZ color 75.2273, 72.9257, 63.5372.



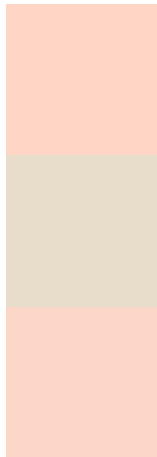
This preview shows how white text looks on a background with the XYZ color 75.2273, 72.9257,

63.5372.

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

75.2273, 72.9257, 63.5372

Protanopia

69.4721, 72.9661, 66.2994

Deuteranopia

74.3845, 72.8658, 63.5701



Tritanopia

77.8772, 72.7894, 81.1794

Trichromacy



Original Color

75.2273, 72.9257, 63.5372

Protanomaly

71.5492, 72.8851, 65.5555

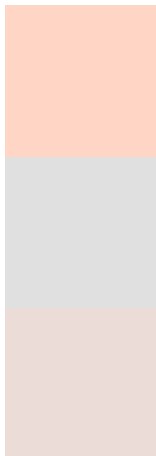
Deuteranomaly

74.7476, 73.0530, 63.5871

Tritanomaly

76.8000, 72.7548, 74.2853

Monochromacy



Original Color

75.2273, 72.9257, 63.5372

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.1199, 73.7549, 74.7250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2273, 72.9257, 63.5372 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, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 198) }
```

Border

The CSS property to change the border of an element to XYZ 75.2273, 72.9257, 63.5372 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, 213, 198) }
```


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

```
.border{ border-color:rgb(255, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2273, 72.9257, 63.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 198) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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