

Converting Colors

XYZ(79.3127, 74.2940, 63.5698)

Have a look what the booklet for
XYZ(79.3127, 74.2940, 63.5698)
contains.

XYZ(74.7273, 71.9257, 63.3706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7273, 71.9257,
63.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C6
RGB	255, 211, 198
RGB Percent	100%, 83%, 78%
CMY	0.0000, 0.1725, 0.2235
CMYK	0.00, 0.17, 0.22, 0.00
HSL	14°, 100%, 89%
HSV	14°, 22%, 100%
XYZ	74.7273, 71.9257, 63.3706
YIQ	222.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

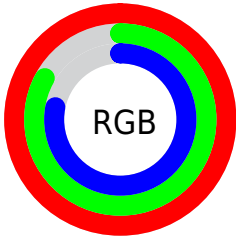
Format	Color
R _Y B	255, 215, 198
Decimal	16765894
CIE Lab	87.93, 13.49, 12.21
CIE LCh	88, 18.197, 42.150
Yxy	71.9257, 0.3558, 0.3425
Android (android.graphics.Color)	4294955974 (0xFFFFD3C6)
YUV	222.6740, -12.1643, 28.3499
Hunter-Lab	84.8090, 8.8649, 15.0639

Details

The XYZ color **74.7273, 71.9257, 63.3706** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0899, 82.7276, 106.7235**, and the grayscale version is **69.9778, 73.6221, 80.1745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2112, 37.7963, 31.5616** is the 20% darker color. If you saturate the color by 10%, you get **67.4362, 61.6610, 47.6303**, and if you desaturate by 10%, it is **83.1157, 83.5922, 81.9214**.

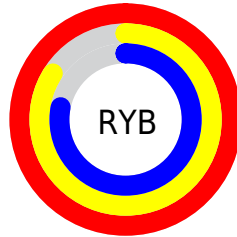
Distribution



Red (100%)

Green (83%)

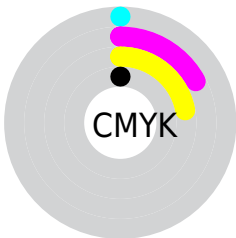
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

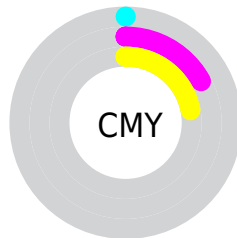


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7273, 71.9257, 63.3706 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 74.7273, 71.9257, 63.3706 by changing the saturation by 10% instead.


 74.7273, 71.9257,
63.3706

 74.7273, 71.9257,
63.3706

465.9914,
467.2829, 455.0581

 55.6829, 53.0980,
45.6982


124.9162,
121.9509, 111.2947

 40.1847, 37.8810,
31.6608


156.7915,
153.9172, 142.3835

 27.8675, 25.8903,
20.8398


193.6744,
191.0317, 178.7815

 18.3657, 16.7416,
12.8169

235.9303,
233.6790, 220.9072

 11.3141, 10.0504,
7.1733

283.9247,
282.2433, 269.1792

 6.3474, 5.4324,
3.4906

338.0227,

 3.1001, 2.5031,

337.1092, 324.0159

1.3503

398.5898,
398.6609, 385.8361

■ 1.2069, 0.8782,
0.1025

■ 0.1118, 0.0000,
0.0000

■ 74.7273, 71.9257,
63.3706

■ 74.7273, 71.9257,
63.3706

■ 67.4362, 61.6610,
47.6303

■ 83.1157, 83.5922,
81.9214

■ 61.1911, 52.7356,
34.5583

■ 92.6399, 96.7012,
103.4064

■ 55.9438, 45.0963,
24.0068

95.0500, 100.0000,
108.9000

■ 51.6404, 38.6826,
15.8115

■ 48.2215, 33.4289,
9.7886

■ 45.6205, 29.2631,
5.7267

■ 43.7597, 26.1044,
3.3710

■ 42.7621, 24.3043,
2.4374

Harmonies

Analogous

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



76.8349, 71.9257, 73.4000



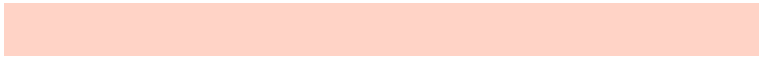
74.7273, 71.9257, 63.3706



70.9487, 71.9257, 57.7296

Triad

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



74.7273, 71.9257, 63.3706



60.7363, 71.9257, 71.2269



70.1316, 71.9257, 104.0306

Complementary

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



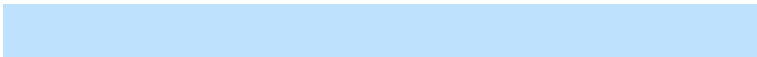
74.7273, 71.9257, 63.3706



73.0899, 82.7276, 106.7235

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.



65.8413, 71.9257, 103.2903



74.7273, 71.9257, 63.3706



60.5384, 71.9257, 83.4444

Square

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



74.7273, 71.9257, 63.3706



62.9238, 71.9257, 61.9249



62.3711, 71.9257, 95.4412



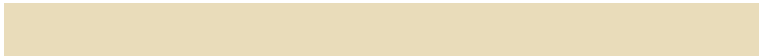
74.1074, 71.9257, 97.3682

Rectangle

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



74.7273, 71.9257, 63.3706



68.0512, 71.9257, 56.8110



62.3711, 71.9257, 95.4412



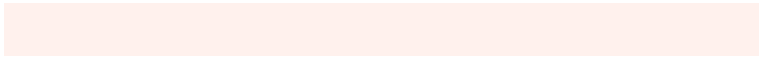
68.6762, 71.9257, 104.6574

Sweetspot

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



74.7290, 71.9289, 63.3721



88.0692, 90.4256, 93.0479



77.5594, 68.0989, 93.5740



18.7273, 19.1854, 19.6384



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

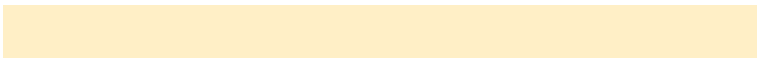
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7290, 71.9289, 63.3721



71.2062, 66.9863, 55.7147



82.2560, 86.9828, 65.8811



18.3455, 18.6593, 18.7790



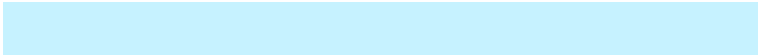
22.4359, 12.8831, 1.3042



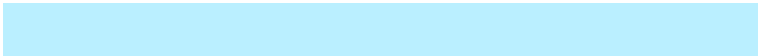
2.2626, 1.4106, 0.1530

Inverse Universe

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



73.0899, 82.7276, 106.7235



69.2881, 79.5817, 106.3167



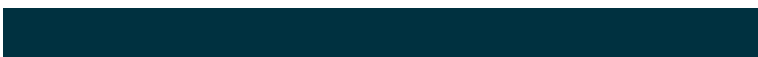
65.4240, 67.3957, 104.1682



18.1828, 19.7372, 23.1013



19.9612, 24.8319, 53.1756



2.0252, 2.5811, 5.2047

Previews

White Background



This preview shows how the XYZ color 74.7273, 71.9257, 63.3706 looks on a white background.

Color Contrast Check

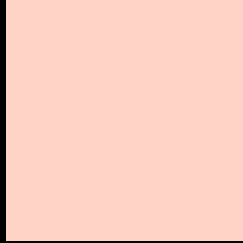
Large Text (above 18pt) WCAG AA × Fail

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 74.7273, 71.9257, 63.3706 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

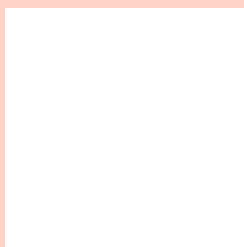
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7273, 71.9257, 63.3706

Background



This preview shows how black text looks on a background with the XYZ color 74.7273, 71.9257, 63.3706.



This preview shows how white text looks on a background with the XYZ color 74.7273, 71.9257,

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

74.7273, 71.9257, 63.3706

Protanopia

68.6858, 72.1562, 66.8073

Deuteranopia

73.7710, 72.1749, 63.4691



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

74.7273, 71.9257, 63.3706

Protanomaly

70.6154, 72.0199, 65.4377

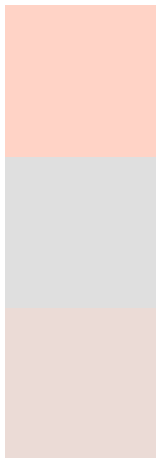
Deuteranomaly

73.8814, 71.8596, 63.4024

Tritanomaly

76.1781, 71.7160, 73.4459

Monochromacy



Original Color

74.7273, 71.9257, 63.3706

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.7301, 73.1802, 73.9629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7273, 71.9257, 63.3706 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, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.7273, 71.9257, 63.3706 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, 211, 198) }
```


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

```
.border{ border-color:rgb(255, 211, 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, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7273, 71.9257, 63.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 198) }
```

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

```
.background{ background-color: rgb(255,  
211, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor