

Converting Colors

XYZ(74.6413, 71.9381, 63.0057)

Have a look what the booklet for
XYZ(74.6413, 71.9381, 63.0057)
contains.

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Color

**XYZ(74.6123, 71.8797,
62.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C5
RGB	255, 211, 197
RGB Percent	100%, 83%, 77%
CMY	0.0000, 0.1725, 0.2274
CMYK	0.00, 0.17, 0.23, 0.00
HSL	14°, 100%, 89%
HSV	14°, 23%, 100%
XYZ	74.6123, 71.8797, 62.7650
YIQ	222.5600, 30.7180, 4.9740

Conversions

Conversions Part 2

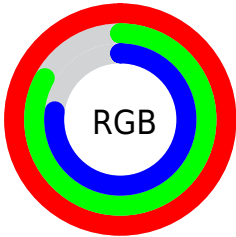
Format	Color
R _Y B	255, 215, 197
Decimal	16765893
CIE Lab	87.91, 13.35, 12.71
CIE LCh	88, 18.430, 43.587
Yxy	71.8797, 0.3566, 0.3435
Android (android.graphics.Color)	4294955973 (0xFFFFD3C5)
YUV	222.5600, -12.6011, 28.4499
Hunter-Lab	84.7819, 8.7206, 15.4543

Details

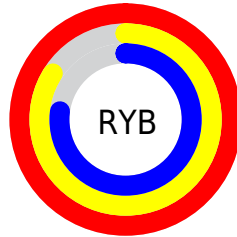
The XYZ color **74.6123, 71.8797, 62.7650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5303, 81.9984, 106.6123**, and the grayscale version is **69.8999, 73.5401, 80.0852**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.1351, 37.7659, 31.1608** is the 20% darker color. If you saturate the color by 10%, you get **67.4144, 61.7711, 47.1491**, and if you desaturate by 10%, it is **82.8861, 83.3488, 81.1796**.

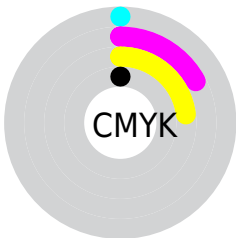
Distribution



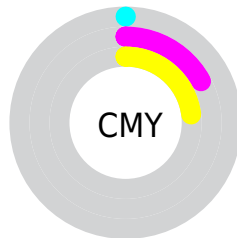
- Red (100%)
- Green (83%)
- Blue (77%)



- Red (100%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6123, 71.8797, 62.7650 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 74.6123, 71.8797, 62.7650 by changing the saturation by 10% instead.


 74.6123, 71.8797,
62.7650

 74.6123, 71.8797,
62.7650


465.6017,
467.1228, 452.8006

 55.5884, 53.0604,
45.2113


124.7543,
121.8855, 110.4127

 40.1087, 37.8510,
31.2798


156.6030,
153.8408, 141.3438

 27.8079, 25.8671,
20.5517


193.4574,
190.9435, 177.5712

 18.3206, 16.7242,
12.6087

235.6828,
233.5781, 219.5134

 11.2815, 10.0381,
7.0321

283.6446,
282.1289, 267.5888

 6.3252, 5.4242,
3.4034

337.7081,

 3.0863, 2.4982,

336.9804, 322.2162

1.3041

398.2387,
398.5169, 383.8139

■ 1.1996, 0.8758,
0.0652

■ 0.1060, 0.0000,
0.0000

■ 74.6123, 71.8797,
62.7650

■ 74.6123, 71.8797,
62.7650

■ 67.4144, 61.7711,
47.1491

■ 82.8861, 83.3488,
81.1796

■ 61.2421, 52.9627,
34.1898

■ 92.2733, 96.2170,
102.5167

■ 56.0484, 45.4036,
23.7390

95.0500, 100.0000,
108.9000

■ 51.7804, 39.0359,
15.6324

■ 48.3802, 33.7967,
9.6857

■ 45.7824, 29.6173,
5.6867

■ 43.9108, 26.4203,
3.3793

■ 42.9395, 24.6590,
2.4965

Harmonies

Analogous

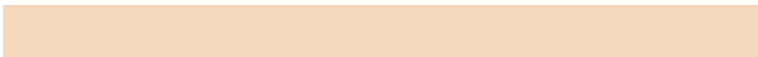
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8496, 71.8797, 72.7266



74.6123, 71.8797, 62.7650



70.7304, 71.8797, 57.3063

Triad

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



74.6123, 71.8797, 62.7650



60.5445, 71.8797, 71.6362



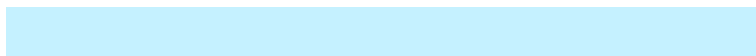
70.3200, 71.8797, 104.1687

Complementary

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



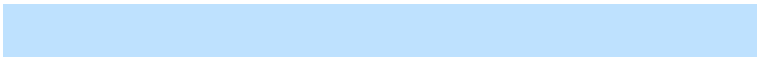
74.6123, 71.8797, 62.7650



72.5303, 81.9984, 106.6123

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.



65.9640, 71.8797, 103.7960



74.6123, 71.8797, 62.7650



60.4452, 71.8797, 84.0772

Square

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



74.6123, 71.8797, 62.7650



62.6682, 71.8797, 62.0406



62.3909, 71.8797, 96.1268



74.3008, 71.8797, 97.0963

Rectangle

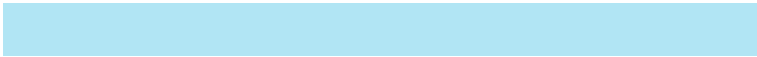
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6123, 71.8797, 62.7650



67.7932, 71.8797, 56.5485



62.3909, 71.8797, 96.1268



68.8485, 71.8797, 104.9312

Sweetspot

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



74.6140, 71.8829, 62.7665



88.1397, 90.5666, 93.0713



77.1537, 67.5721, 92.5616



18.7436, 19.2179, 19.6438



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.



74.6140, 71.8829, 62.7665



71.4217, 67.4171, 55.7865



82.3412, 87.3373, 65.3422



18.3655, 18.6991, 18.7857



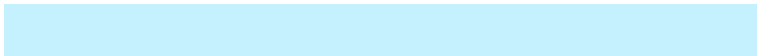
22.5328, 13.0769, 1.3365



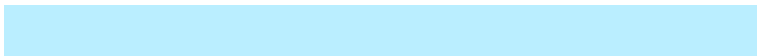
2.2746, 1.4345, 0.1570

Inverse Universe

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



72.5303, 81.9984, 106.6123



69.0200, 79.0457, 106.2273



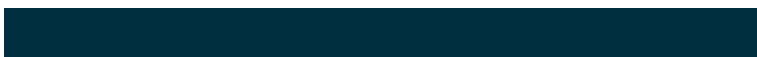
64.7370, 66.4117, 104.0145



18.1614, 19.6944, 23.0941



19.5676, 24.0448, 53.0444



1.9899, 2.5105, 5.1930

Previews

White Background



This preview shows how the XYZ color 74.6123, 71.8797, 62.7650 looks on a white background.

Color Contrast Check

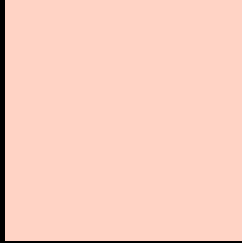
Large Text (above 18pt) WCAG AA × Fail

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 74.6123, 71.8797, 62.7650 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 74.6123, 71.8797, 62.7650

Background



This preview shows how black text looks on a background with the XYZ color 74.6123, 71.8797, 62.7650.



This preview shows how white text looks on a background with the XYZ color 74.6123, 71.8797,

62.7650.

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

74.6123, 71.8797, 62.7650

Protanopia

68.5670, 72.1087, 66.1816

Deuteranopia

73.6560, 72.1289, 62.8635



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

74.6123, 71.8797, 62.7650

Protanomaly

70.4981, 71.9730, 64.8201

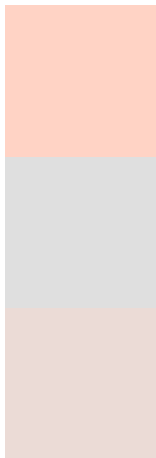
Deuteranomaly

73.7664, 71.8136, 62.7968

Tritanomaly

76.1781, 71.7160, 73.4459

Monochromacy



Original Color

74.6123, 71.8797, 62.7650

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 74.6123, 71.8797, 62.7650 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 74.6123, 71.8797, 62.7650 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, 197) }
```


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

```
.border{ border-color:rgb(255, 211, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6123, 71.8797, 62.7650 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
211, 197) }
```

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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