

Converting Colors

XYZ(72.5398, 72.1205, 61.9701)

Have a look what the booklet for
XYZ(72.5398, 72.1205, 61.9701)
contains.

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Color

**XYZ(72.2547, 71.8074,
61.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D6C3
RGB	247, 214, 195
RGB Percent	97%, 84%, 76%
CMY	0.0314, 0.1608, 0.2353
CMYK	0.00, 0.13, 0.21, 0.03
HSL	22°, 76%, 87%
HSV	22°, 21%, 97%
XYZ	72.2547, 71.8074, 61.6817
YIQ	221.7010, 25.7670, 1.0870

Conversions

Conversions Part 2

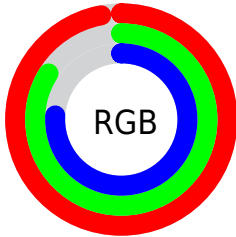
Format	Color
RYB	247, 225, 195
Decimal	16242371
CIELab	87.88, 8.59, 13.61
CIELCh	88, 16.094, 57.742
Yxy	71.8074, 0.3512, 0.3490
Android (android.graphics.Color)	4294432451 (0xFFFF7D6C3)
YUV	221.7010, -13.1636, 22.1872
Hunter-Lab	84.7392, 3.9081, 16.1603

Details

The XYZ color **72.2547, 71.8074, 61.6817** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0371, 73.8026, 98.7084**, and the grayscale version is **69.2990, 72.9079, 79.3967**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.4411, 37.6665, 30.4436** is the 20% darker color. If you saturate the color by 10%, you get **65.9126, 63.2286, 46.9103**, and if you desaturate by 10%, it is **79.4443, 81.3408, 79.0163**.

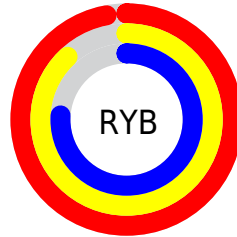
Distribution



Red (97%)

Green (84%)

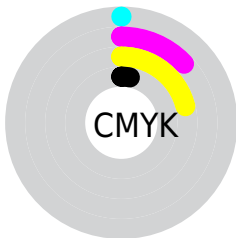
Blue (76%)



Red (97%)

Yellow (88%)

Blue (76%)

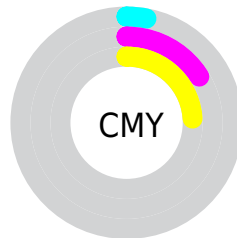


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2547, 71.8074, 61.6817 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 72.2547, 71.8074, 61.6817 by changing the saturation by 10% instead.

72.2547, 71.8074,
61.6817

72.2547, 71.8074,
61.6817

457.5715,
466.8710, 448.7447

53.6530, 53.0014,
44.3414

121.4274,
121.7827, 108.8325

38.5539, 37.8039,
30.5999

152.7291,
153.7207, 139.4801

26.5920, 25.8305,
20.0384

188.9949,
190.8048, 175.4006

17.4020, 16.6969,
12.2386

230.5900,
233.4194, 217.0124

10.6186, 10.0186,
6.7819

277.8799,
281.9490, 264.7342

5.8764, 5.4113,
3.2497

331.2298,

2.8100, 2.4905,

336.7778, 318.9845

1.2235

391.0053,
398.2903, 380.1818

■ 1.0541, 0.8719,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2547, 71.8074,
61.6817

■ 72.2547, 71.8074,
61.6817

■ 65.9126, 63.2286,
46.9103

■ 79.4443, 81.3408,
79.0163

■ 60.3789, 55.5642,
34.5745

■ 87.5072, 91.8482,
99.0245

■ 55.6196, 48.7852,
24.5425

■ 92.1680, 98.5143,
108.7651

■ 51.5960, 42.8572,
16.6678

■ 48.2653, 37.7433,
10.7872

■ 45.5799, 33.4034,
6.7135

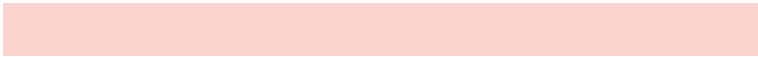
■ 43.4840, 29.7930,
4.2229

■ 42.0372, 27.1327,
3.0215

Harmonies

Analogous

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



74.9739, 71.8074, 68.7791



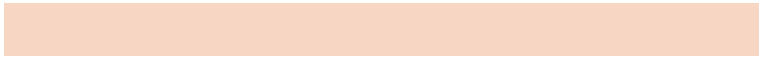
72.2547, 71.8074, 61.6817



68.5411, 71.8074, 58.9592

Triad

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



72.2547, 71.8074, 61.6817



61.1577, 71.8074, 77.3587



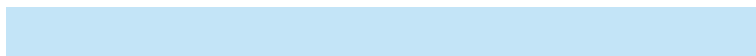
71.7344, 71.8074, 98.3639

Complementary

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



72.2547, 71.8074, 61.6817



67.0371, 73.8026, 98.7084

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.



67.9613, 71.8074, 101.1952



72.2547, 71.8074, 61.6817



61.9421, 71.8074, 88.4139

Square

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



72.2547, 71.8074, 61.6817



62.2142, 71.8074, 67.4672



64.3976, 71.8074, 97.3995



74.6657, 71.8074, 89.9840

Rectangle

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



72.2547, 71.8074, 61.6817



66.0325, 71.8074, 59.7800



64.3976, 71.8074, 97.3995



70.5182, 71.8074, 100.0285

Sweetspot

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



72.2566, 71.8107, 61.6832



89.6644, 93.0149, 95.4325



71.9886, 64.4513, 82.6293



19.0709, 19.7513, 20.1265



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.



72.2566, 71.8107, 61.6832



74.8573, 73.4041, 59.6576



79.1339, 85.5652, 63.9756



16.9950, 17.4741, 17.2747



22.3553, 14.5961, 1.6391



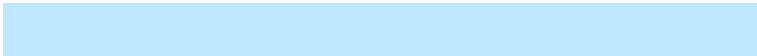
2.0592, 1.4716, 0.1755

Inverse Universe

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



67.0371, 73.8026, 98.7084



68.3713, 75.8738, 105.6493



60.6038, 60.9359, 96.5640



16.4578, 17.6799, 21.0877



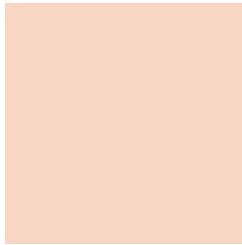
15.3711, 16.5360, 48.9196



1.4486, 1.6487, 4.3321

Previews

White Background



This preview shows how the XYZ color 72.2547, 71.8074, 61.6817 looks on a white background.

Color Contrast Check

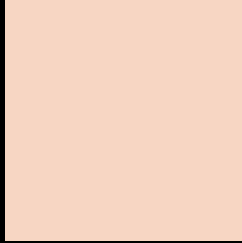
Large Text (above 18pt) WCAG AA × Fail

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 72.2547, 71.8074, 61.6817 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 72.2547, 71.8074, 61.6817

Background



This preview shows how black text looks on a background with the XYZ color 72.2547, 71.8074, 61.6817.



This preview shows how white text looks on a background with the XYZ color 72.2547, 71.8074,

61.6817.

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

72.2547, 71.8074, 61.6817

Protanopia

68.4194, 72.0866, 63.7341

Deuteranopia

73.1775, 71.5363, 61.5808



Tritanopia

76.3116, 71.6011, 81.7499

Trichromacy



Original Color

72.2547, 71.8074, 61.6817

Protanomaly

69.7415, 72.0069, 63.0463

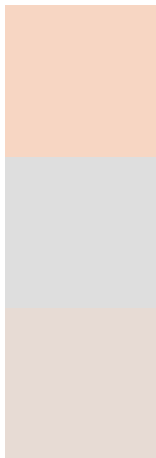
Deuteranomaly

73.0689, 71.8526, 61.6476

Tritanomaly

74.9843, 71.8188, 74.2003

Monochromacy



Original Color

72.2547, 71.8074, 61.6817

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1702, 72.4054, 72.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2547, 71.8074, 61.6817 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(247, 214, 195)` looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 195)  
}
```

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(247, 214, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 195) }
```

Border

The CSS property to change the border of an element to XYZ 72.2547, 71.8074, 61.6817 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(247, 214, 195) }
```


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

```
.border{ border-color:rgb(247, 214, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 214, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 214, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 214, 195);  
box-shadow:4px 4px 4px 4px rgb(247, 214,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2547, 71.8074, 61.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 195) }
```

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

```
.background{ background-color: rgb(247,  
214, 195) }
```

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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