

Converting Colors

XYZ(73.3586, 72.0091, 62.9696)

Have a look what the booklet for
XYZ(73.3586, 72.0091, 62.9696)
contains.

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Color

**XYZ(73.2966, 71.9437,
62.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD5C5
RGB	250, 213, 197
RGB Percent	98%, 84%, 77%
CMY	0.0196, 0.1647, 0.2274
CMYK	0.00, 0.15, 0.21, 0.02
HSL	18°, 84%, 88%
HSV	18°, 21%, 98%
XYZ	73.2966, 71.9437, 62.8467
YIQ	222.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

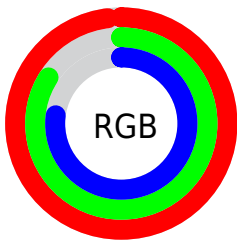
Format	Color
R _Y B	250, 220, 197
Decimal	16438725
CIE Lab	87.94, 10.49, 12.69
CIE LCh	88, 16.462, 50.418
Yxy	71.9437, 0.3522, 0.3457
Android (android.graphics.Color)	4294628805 (0xFF FAD5C5)
YUV	222.2390, -12.4428, 24.3464
Hunter-Lab	84.8196, 5.8158, 15.4431

Details

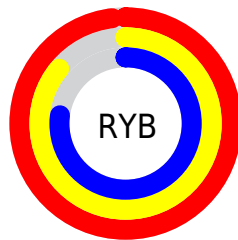
The XYZ color **73.2966, 71.9437, 62.8467** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7034, 77.6160, 101.7505**, and the grayscale version is **69.6734, 73.3018, 79.8257**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **39.1771, 37.7743, 31.2129** is the 20% darker color. If you saturate the color by 10%, you get **66.5109, 62.5824, 47.6046**, and if you desaturate by 10%, it is **81.0336, 82.4463, 80.7512**.

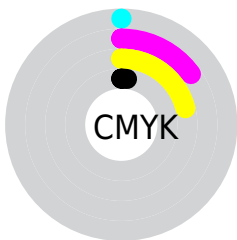
Distribution



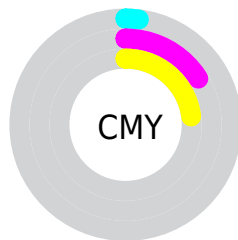
- Red (98%)
- Green (84%)
- Blue (77%)



- Red (98%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2966, 71.9437, 62.8467 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 73.2966, 71.9437, 62.8467 by changing the saturation by 10% instead.

73.2966, 71.9437,
62.8467

73.2966, 71.9437,
62.8467

461.1300,
467.3456, 453.1055

54.5078, 53.1127,
45.2770

122.8990,
121.9765, 110.5318

39.2400, 37.8927,
31.3311

154.4434,
153.9470, 141.4842

27.1281, 25.8994,
20.5905

190.9702,
191.0662, 177.7346

17.8065, 16.7484,
12.6367

232.8450,
233.7185, 219.7016

10.9100, 10.0553,
7.0511

280.4330,
282.2881, 267.8036

6.0732, 5.4356,
3.4151

334.0996,

2.9307, 2.5051,

337.1596, 322.4593

1.3103

394.2101,
398.7173, 384.0870

■ 1.1172, 0.8792,
0.0702

■ 0.0395, 0.0000,
0.0000

■ 73.2966, 71.9437,
62.8467

■ 73.2966, 71.9437,
62.8467

■ 66.5109, 62.5824,
47.6046

■ 81.0336, 82.4463,
80.7512

■ 60.6324, 54.3133,
34.8922

■ 89.7522, 94.1174,
101.4331

■ 55.6220, 47.0984,
24.5721

■ 93.2345, 99.0641,
108.8150

■ 51.4353, 40.8934,
16.4919

■ 48.0236, 35.6507,
10.4813

■ 45.3322, 31.3184,
6.3453

■ 43.2978, 27.8389,
3.8505

■ 41.9743, 25.4236,
2.6950

Harmonies

Analogous

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



75.6906, 71.9437, 71.0420



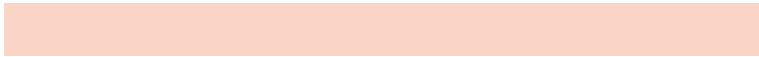
73.2966, 71.9437, 62.8467



69.6428, 71.9437, 58.9179

Triad

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



73.2966, 71.9437, 62.8467



61.2137, 71.9437, 74.7957



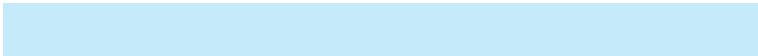
71.0439, 71.9437, 100.3575

Complementary

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



73.2966, 71.9437, 62.8467



69.7034, 77.6160, 101.7505

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.



67.1333, 71.9437, 101.6073



73.2966, 71.9437, 62.8467



61.5566, 71.9437, 86.1096

Square

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



73.2966, 71.9437, 62.8467



62.7338, 71.9437, 65.3686



63.6890, 71.9437, 96.1781



74.3559, 71.9437, 92.9106

Rectangle

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



73.2966, 71.9437, 62.8467



67.0263, 71.9437, 58.9631



63.6890, 71.9437, 96.1781



69.7524, 71.9437, 101.5422

Sweetspot

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



73.2985, 71.9470, 62.8482



89.3708, 92.4277, 95.3346



74.2569, 66.2036, 86.7827



19.0016, 19.6127, 20.1034



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.



73.2985, 71.9470, 62.8482



73.8420, 71.3736, 59.3192



80.4867, 86.3233, 65.2443



17.6719, 18.0797, 18.0207



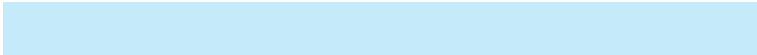
22.3742, 13.7051, 1.4661



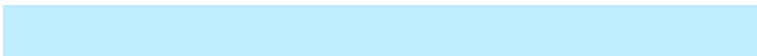
2.1610, 1.4468, 0.1654

Inverse Universe

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



69.7034, 77.6160, 101.7505



69.5220, 78.1752, 106.0329



62.7406, 63.6903, 99.4295



17.2975, 18.6718, 22.0776



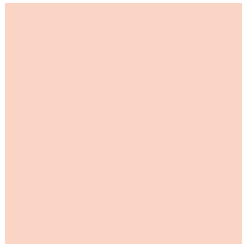
17.3657, 20.0869, 50.9354



1.7014, 2.0465, 4.7485

Previews

White Background



This preview shows how the XYZ color 73.2966, 71.9437, 62.8467 looks on a white background.

Color Contrast Check

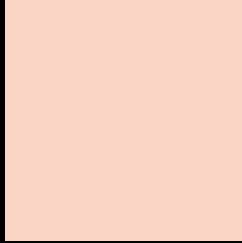
Large Text (above 18pt) WCAG AA × Fail

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 73.2966, 71.9437, 62.8467 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 73.2966, 71.9437, 62.8467

Background



This preview shows how black text looks on a background with the XYZ color 73.2966, 71.9437, 62.8467.



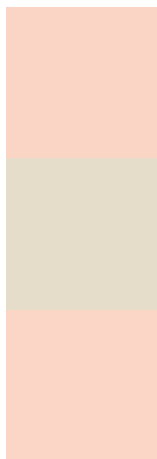
This preview shows how white text looks on a background with the XYZ color 73.2966, 71.9437,

62.8467.

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

73.2966, 71.9437, 62.8467

Protanopia

68.4489, 72.0615, 65.5599

Deuteranopia

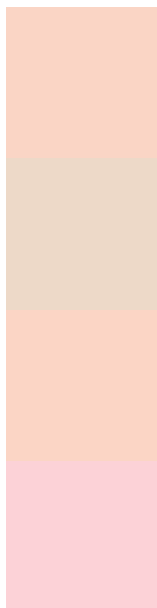
73.6560, 72.1289, 62.8635



Tritanopia

76.8991, 71.9198, 81.0631

Trichromacy



Original Color

73.2966, 71.9437, 62.8467

Protanomaly

70.1632, 71.8004, 64.8044

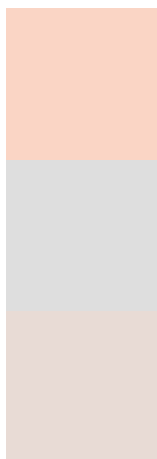
Deuteranomaly

73.6560, 72.1289, 62.8635

Tritanomaly

75.4572, 71.6949, 74.1515

Monochromacy



Original Color

73.2966, 71.9437, 62.8467

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6205, 72.6229, 73.2463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2966, 71.9437, 62.8467 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(250, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 213, 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(250, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 213, 197) }
```

Border

The CSS property to change the border of an element to XYZ 73.2966, 71.9437, 62.8467 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(250, 213, 197) }
```


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

```
.border{ border-color:rgb(250, 213, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 213,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2966, 71.9437, 62.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 213, 197) }
```

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

```
.background{ background-color: rgb(250,  
213, 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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