

Converting Colors

XYZ(72.2695, 72.5322, 68.2478)

Have a look what the booklet for
XYZ(72.2695, 72.5322, 68.2478)
contains.

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Color

**XYZ(72.1933, 72.3968,
67.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D8CD
RGB	242, 216, 205
RGB Percent	95%, 85%, 80%
CMY	0.0510, 0.1529, 0.1961
CMYK	0.00, 0.11, 0.15, 0.05
HSL	18°, 59%, 88%
HSV	18°, 15%, 95%
XYZ	72.1933, 72.3968, 67.9266
YIQ	222.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

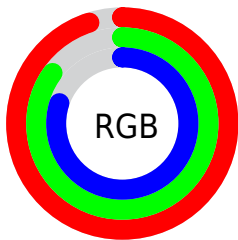
Format	Color
R _Y B	242, 221, 205
Decimal	15915213
CIE Lab	88.16, 7.24, 8.69
CIE LCh	88, 11.312, 50.213
Yxy	72.3968, 0.3397, 0.3407
Android (android.graphics.Color)	4294105293 (0xFFFF2D8CD)
YUV	222.5200, -8.6374, 17.0840
Hunter-Lab	85.0863, 2.5511, 12.2277

Details

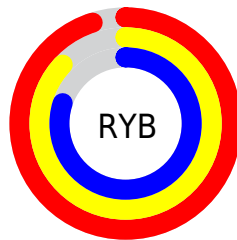
The XYZ color **72.1933, 72.3968, 67.9266** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7794, 76.5401, 95.1010**, and the grayscale version is **69.8504, 73.4880, 80.0284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5805, 38.1632, 34.6110** is the 20% darker color. If you saturate the color by 10%, you get **65.3626, 63.0539, 52.3350**, and if you desaturate by 10%, it is **79.9306, 82.8284, 86.0512**.

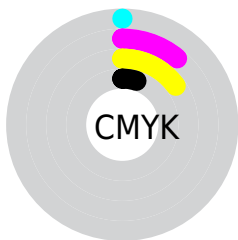
Distribution



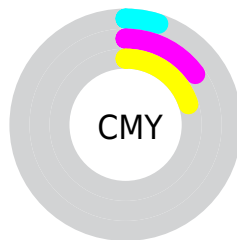
- Red (95%)
- Green (85%)
- Blue (80%)



- Red (95%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1933, 72.3968, 67.9266 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 72.1933, 72.3968, 67.9266 by changing the saturation by 10% instead.


 72.1933, 72.3968,
67.9266

 72.1933, 72.3968,
67.9266


457.3613,
468.9215, 471.8269

 53.6026, 53.4829,
49.3717


121.3406,
122.6205, 117.9004

 38.5135, 38.1884,
34.5468


152.6280,
154.6991, 150.1563

 26.5605, 26.1289,
23.0332


188.8783,
191.9347, 187.8163

 17.3783, 16.9201,
14.4125

230.4569,
234.7117, 231.2990

 10.6015, 10.1776,
8.2661

277.7291,
283.4144, 281.0229

 5.8649, 5.5168,
4.1755

331.0604,

 2.8030, 2.5536,

338.4274, 337.4064

1.7221

390.8160,
400.1350, 400.8683

■ 1.0504, 0.9034,
0.3758

■ 0.0000, 0.0000,
0.0000

■ 72.1933, 72.3968,
67.9266

■ 72.1933, 72.3968,
67.9266

■ 65.3626, 63.0539,
52.3350

■ 79.9306, 82.8284,
86.0512

■ 59.3982, 54.7544,
39.1582

■ 88.6010, 94.3729,
106.8105

■ 54.2655, 47.4641,
28.2754

■ 90.4283, 97.6174,
108.6837

■ 49.9250, 41.1429,
19.5536

■ 46.3339, 35.7484,
12.8458

■ 43.4449, 31.2341,
7.9864

■ 41.2043, 27.5496,
4.7832

■ 39.5486, 24.6378,
3.0000

■ 38.9341, 23.5090,
2.4856

Harmonies

Analogous

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



73.8081, 72.3968, 73.7923



72.1933, 72.3968, 67.9266



69.6989, 72.3968, 65.0412

Triad

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



72.1933, 72.3968, 67.9266



63.8118, 72.3968, 76.3229



70.6238, 72.3968, 93.6486

Complementary

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



72.1933, 72.3968, 67.9266



69.7794, 76.5401, 95.1010

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.



67.9307, 72.3968, 94.4367



72.1933, 72.3968, 67.9266



64.0447, 72.3968, 84.0873

Square

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



72.1933, 72.3968, 67.9266



64.8912, 72.3968, 69.6747



65.5360, 72.3968, 90.8371



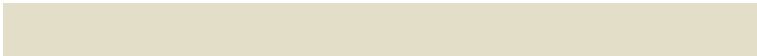
72.8856, 72.3968, 88.7494

Rectangle

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



72.1933, 72.3968, 67.9266



67.8929, 72.3968, 65.0582



65.5360, 72.3968, 90.8371



69.7373, 72.3968, 94.4149

Sweetspot

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



72.1953, 72.4000, 67.9281



90.2732, 93.6230, 97.5145



72.9470, 68.3396, 85.3314



19.1830, 19.8528, 20.5425



0.0000, 0.0000, 0.0000



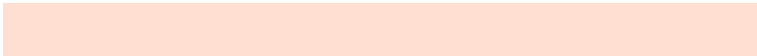
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1953, 72.4000, 67.9281



79.0824, 78.5111, 71.3726



77.0563, 82.1220, 69.5485



16.1560, 16.5250, 16.4879



21.0190, 12.8361, 1.3698



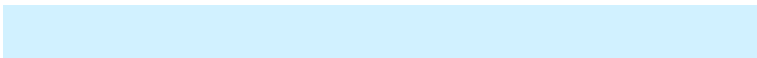
1.8321, 1.2348, 0.1418

Inverse Universe

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



69.7794, 76.5401, 95.1010



75.9313, 83.9070, 106.8014



65.0032, 66.9878, 93.5090



15.8273, 17.0888, 20.1859



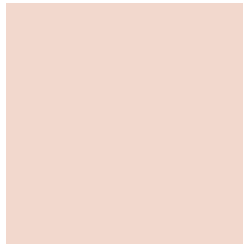
16.4593, 19.1428, 47.9553



1.4555, 1.7649, 4.0182

Previews

White Background



This preview shows how the XYZ color 72.1933, 72.3968, 67.9266 looks on a white background.

Color Contrast Check

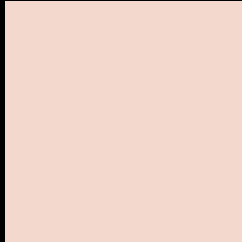
Large Text (above 18pt) WCAG AA × Fail

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 72.1933, 72.3968, 67.9266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

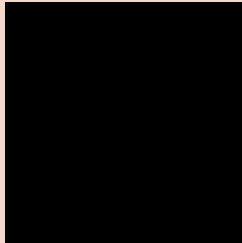
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1933, 72.3968, 67.9266

Background



This preview shows how black text looks on a background with the XYZ color 72.1933, 72.3968, 67.9266.



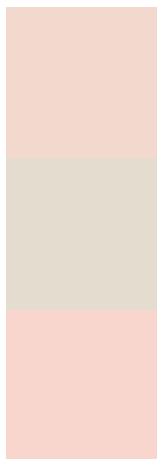
This preview shows how white text looks on a background with the XYZ color 72.1933, 72.3968,

67.9266.

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

72.1933, 72.3968, 67.9266

Protanopia

68.8506, 72.1854, 69.3358

Deuteranopia

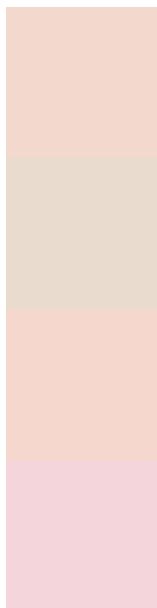
73.7774, 72.4574, 67.8548



Tritanopia

75.3425, 72.1566, 84.0854

Trichromacy



Original Color

72.1933, 72.3968, 67.9266

Protanomaly

70.0764, 72.4429, 68.6820

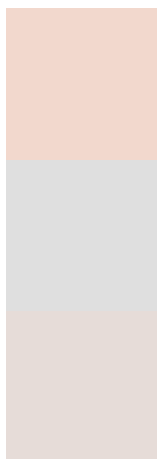
Deuteranomaly

73.3259, 72.6015, 67.9064

Tritanomaly

74.0207, 71.9889, 77.7041

Monochromacy



Original Color

72.1933, 72.3968, 67.9266

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6210, 72.9673, 75.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1933, 72.3968, 67.9266 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(242, 216, 205) looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 205)  
}
```

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(242, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.1933, 72.3968, 67.9266 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(242, 216, 205) }
```


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

```
.border{ border-color:rgb(242, 216, 205) }
```

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

Here you see how a box with a 4 pixel rgb(242, 216, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1933, 72.3968, 67.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 205) }
```

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

```
.background{ background-color: rgb(242,  
216, 205) }
```

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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