

Converting Colors

XYZ(72.2538, 73.6429, 69.5624)

Have a look what the booklet for
XYZ(72.2538, 73.6429, 69.5624)
contains.

XYZ(72.1906, 73.5188, 69.4172)	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(72.1906, 73.5188,
69.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDBCF
RGB	239, 219, 207
RGB Percent	94%, 86%, 81%
CMY	0.0627, 0.1412, 0.1882
CMYK	0.00, 0.08, 0.13, 0.06
HSL	23°, 50%, 87%
HSV	23°, 13%, 94%
XYZ	72.1906, 73.5188, 69.4172
YIQ	223.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

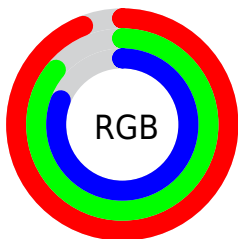
Format	Color
R _Y B	239, 226, 207
Decimal	15719375
CIE Lab	88.69, 4.93, 8.37
CIE LCh	89, 9.715, 59.537
Yxy	73.5188, 0.3356, 0.3417
Android (android.graphics.Color)	4293909455 (0xFFEFDBC _F)
YUV	223.6120, -8.1897, 13.4953
Hunter-Lab	85.7431, 0.2360, 12.0193

Details

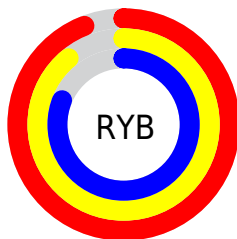
The XYZ color **72.1906, 73.5188, 69.4172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7808, 74.4339, 92.4040**, and the grayscale version is **70.6251, 74.3031, 80.9160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5537, 38.9181, 35.6169** is the 20% darker color. If you saturate the color by 10%, you get **65.7646, 64.9939, 53.9341**, and if you desaturate by 10%, it is **79.4125, 82.9263, 87.3494**.

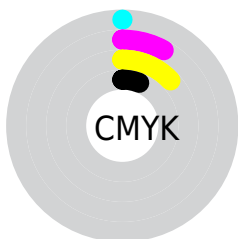
Distribution



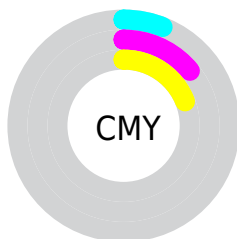
- Red (94%)
- Green (86%)
- Blue (81%)



- Red (94%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1906, 73.5188, 69.4172 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 72.1906, 73.5188, 69.4172 by changing the saturation by 10% instead.

72.1906, 73.5188,
69.4172

72.1906, 73.5188,
69.4172

457.3521,
472.8109, 477.2348

53.6004, 54.4003,
50.5777

121.3368,
124.2134, 120.0506

38.5117, 38.9218,
35.4982

152.6235,
156.5583, 152.6815

26.5591, 26.6989,
23.7603

188.8732,
194.0808, 190.7467

17.3772, 17.3472,
14.9454

230.4510,
237.1653, 234.6646

10.6008, 10.4823,
8.6348

277.7225,
286.1962, 284.8538

5.8644, 5.7199,
4.4102

331.0529,

2.8027, 2.6755,

341.5578, 341.7329

1.8530

390.8077,
403.6346, 405.7204

■ 1.0503, 0.9648,
0.4626

■ 0.0000, 0.0000,
0.0000

■ 72.1906, 73.5188,
69.4172

■ 72.1906, 73.5188,
69.4172

■ 65.7646, 64.9939,
53.9341

■ 79.4125, 82.9263,
87.3494

■ 60.0996, 57.3155,
40.7881

■ 87.4518, 93.2317,
107.8269

■ 55.1667, 50.4595,
29.8652

■ 89.4069, 97.0909,
108.6359

■ 50.9328, 44.3965,
21.0400

■ 47.3619, 39.0955,
14.1745

■ 44.4142, 34.5229,
9.1139

■ 42.0449, 30.6423,
5.6795

■ 40.2014, 27.4127,
3.6548

■ 39.2244, 25.6059,
2.8751

Harmonies

Analogous

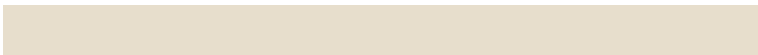
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8781, 73.5188, 73.8450



72.1906, 73.5188, 69.4172



69.9139, 73.5188, 67.8076

Triad

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



72.1906, 73.5188, 69.4172



65.4608, 73.5188, 79.9450



72.1260, 73.5188, 91.8300

Complementary

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



72.1906, 73.5188, 69.4172



68.7808, 74.4339, 92.4040

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.



69.8409, 73.5188, 93.6826



72.1906, 73.5188, 69.4172



66.0239, 73.5188, 86.5921

Square

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



72.1906, 73.5188, 69.4172



66.0590, 73.5188, 73.6737



67.6142, 73.5188, 91.7155



73.8402, 73.5188, 86.7829

Rectangle

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



72.1906, 73.5188, 69.4172



68.3790, 73.5188, 68.4756



67.6142, 73.5188, 91.7155



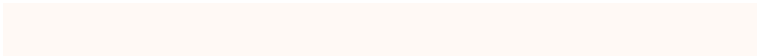
71.3976, 73.5188, 92.8591

Sweetspot

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



72.1926, 73.5221, 69.4188



91.4512, 95.3610, 99.8127



71.8122, 68.5382, 82.3112



19.4331, 20.2285, 21.0096



0.0000, 0.0000, 0.0000



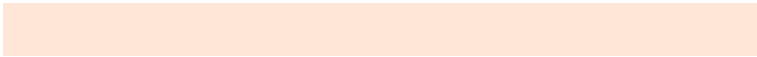
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1926, 73.5221, 69.4188



81.5627, 82.4443, 75.3668



76.4918, 82.1205, 70.8518



16.2586, 16.7304, 16.5221



21.7920, 14.3821, 1.6275



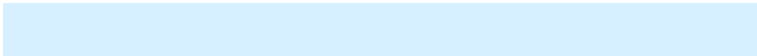
1.9055, 1.3816, 0.1663

Inverse Universe

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



68.7808, 74.4339, 92.4040



76.9101, 83.6865, 106.7073



64.6736, 66.2196, 91.0349



15.7202, 16.8745, 20.1502



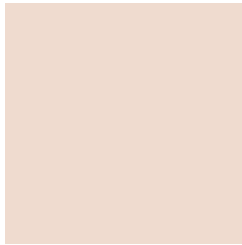
14.7091, 15.6424, 47.3719



1.3189, 1.4918, 3.9726

Previews

White Background



This preview shows how the XYZ color 72.1906, 73.5188, 69.4172 looks on a white background.

Color Contrast Check

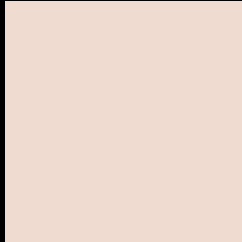
Large Text (above 18pt) WCAG AA × Fail

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 72.1906, 73.5188, 69.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

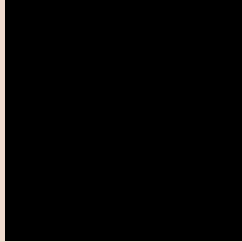
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1906, 73.5188, 69.4172

Background



This preview shows how black text looks on a background with the XYZ color 72.1906, 73.5188, 69.4172.



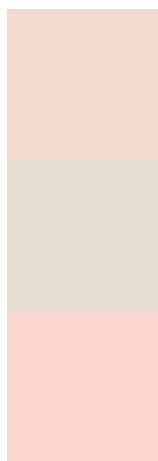
This preview shows how white text looks on a background with the XYZ color 72.1906, 73.5188,

69.4172.

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

72.1906, 73.5188, 69.4172

Protanopia

70.2630, 73.6690, 70.8379

Deuteranopia

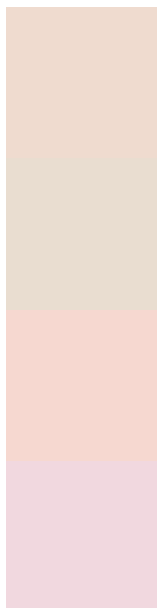
75.1099, 73.4789, 69.8986



Tritanopia

75.4839, 73.3043, 86.5146

Trichromacy



Original Color

72.1906, 73.5188, 69.4172

Protanomaly

70.8459, 73.5906, 70.1449

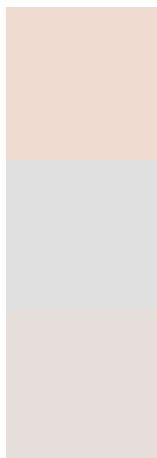
Deuteranomaly

73.9471, 73.2586, 69.9174

Tritanomaly

74.1508, 73.1402, 80.0213

Monochromacy



Original Color

72.1906, 73.5188, 69.4172

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0893, 73.9625, 76.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1906, 73.5188, 69.4172 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(239, 219, 207) looks like.

```
.text, #text, p{  
    color:rgb(239, 219, 207)  
}
```

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(239, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 207) }
```

Border

The CSS property to change the border of an element to XYZ 72.1906, 73.5188, 69.4172 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(239, 219, 207) }
```


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

```
.border{ border-color:rgb(239, 219, 207) }
```

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

Here you see how a box with a 4 pixel rgb(239, 219, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1906, 73.5188, 69.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 207) }
```

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

```
.background{ background-color: rgb(239,  
219, 207) }
```

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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