

Converting Colors

XYZ(71.6189, 73.8428, 72.7802)

Have a look what the booklet for
XYZ(71.6189, 73.8428, 72.7802)
contains.

XYZ(71.6718, 73.9588, 72.7853)	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(71.6718, 73.9588,
72.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	EADDD4
RGB	234, 221, 212
RGB Percent	92%, 87%, 83%
CMY	0.0823, 0.1333, 0.1686
CMYK	0.00, 0.06, 0.09, 0.08
HSL	25°, 34%, 87%
HSV	25°, 9%, 92%
XYZ	71.6718, 73.9588, 72.7853
YIQ	223.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

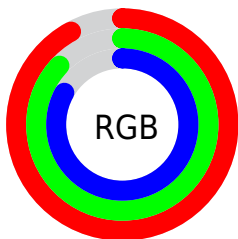
Format	Color
RYB	234, 227, 212
Decimal	15392212
CIELab	88.90, 2.93, 5.99
CIELCh	89, 6.672, 63.935
Yxy	73.9588, 0.3281, 0.3386
Android (android.graphics.Color)	4293582292 (0xFFEADDD4)
YUV	223.8610, -5.8475, 8.8919
Hunter-Lab	85.9993, -1.7369, 10.0196

Details

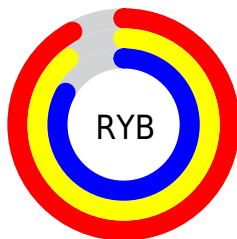
The XYZ color **71.6718, 73.9588, 72.7853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9277, 73.7866, 88.4521**, and the grayscale version is **70.7891, 74.4757, 81.1040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0821, 39.1717, 37.4520** is the 20% darker color. If you saturate the color by 10%, you get **65.4313, 65.8638, 57.1820**, and if you desaturate by 10%, it is **78.6448, 82.8325, 90.7451**.

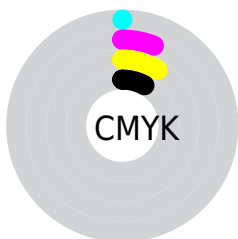
Distribution



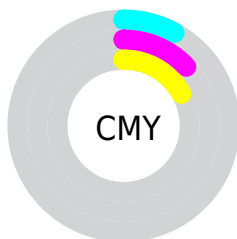
- Red (92%)
- Green (87%)
- Blue (83%)



- Red (92%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6718, 73.9588, 72.7853 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 71.6718, 73.9588, 72.7853 by changing the saturation by 10% instead.

71.6718, 73.9588,
72.7853

71.6718, 73.9588,
72.7853

455.5738,
474.3312, 489.3212

53.1751, 54.7603,
53.3097

120.6031,
124.8374, 124.8905

38.1706, 39.2099,
37.6606

151.7685,
157.2863, 158.3571

26.2930, 26.9230,
25.4196

187.8875,
194.9208, 197.3244

17.1768, 17.5154,
16.1681

229.3254,
238.1253, 242.2110

10.4567, 10.6027,
9.4875

276.4476,
287.2842, 293.4355

5.7674, 5.8003,
4.9594

329.6196,

2.7435, 2.7240,

342.7819, 351.4163

2.1651

389.2065,
405.0027, 416.5720

■ 1.0196, 0.9894,
0.6541

■ 0.0000, 0.0000,
0.0000

■ 71.6718, 73.9588,
72.7853

■ 71.6718, 73.9588,
72.7853

■ 65.4313, 65.8638,
57.1820

■ 78.6448, 82.8325,
90.7451

■ 59.8916, 58.5159,
43.8316

■ 85.7500, 92.2485,
107.8940

■ 55.0276, 51.8957,
32.6296

■ 87.7420, 96.2326,
108.5580

■ 50.8103, 45.9790,
23.4616

■ 47.2083, 40.7402,
16.2022

■ 44.1872, 36.1521,
10.7120

■ 41.7083, 32.1848,
6.8321

■ 39.7271, 28.8054,
4.3746

■ 38.1776, 25.9715,
3.0410

Harmonies

Analogous

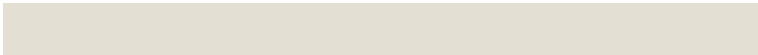
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9091, 73.9588, 75.6552



71.6718, 73.9588, 72.7853



70.0823, 73.9588, 71.9608

Triad

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



71.6718, 73.9588, 72.7853



67.2366, 73.9588, 81.1417



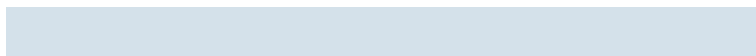
72.0471, 73.9588, 88.1512

Complementary

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



71.6718, 73.9588, 72.7853



68.9277, 73.7866, 88.4521

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.



70.5094, 73.9588, 89.7508



71.6718, 73.9588, 72.7853



67.7453, 73.9588, 85.6069

Square

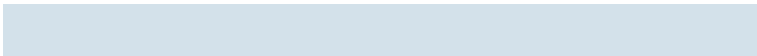
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6718, 73.9588, 72.7853



67.5372, 73.9588, 76.6759



68.9372, 73.9588, 88.8024



73.1282, 73.9588, 84.5082

Rectangle

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



71.6718, 73.9588, 72.7853



69.0407, 73.9588, 72.6545



68.9372, 73.9588, 88.8024



71.5657, 73.9588, 88.9519

Sweetspot

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



71.6738, 73.9620, 72.7869



92.4179, 96.6676, 102.0669



71.0940, 70.0276, 81.1478



19.6336, 20.5034, 21.4653



0.0000, 0.0000, 0.0000



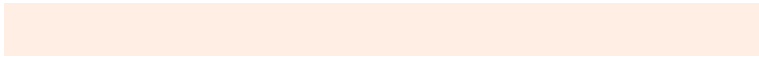
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6738, 73.9620, 72.7869



85.7983, 88.2033, 85.1398



74.6166, 79.8475, 73.7678



15.5717, 16.0665, 15.7991



21.5233, 14.7409, 1.7109



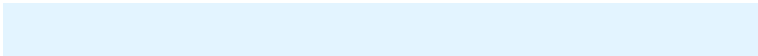
1.7826, 1.3425, 0.1652

Inverse Universe

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



68.9277, 73.7866, 88.4521



81.9191, 87.9553, 107.2672



66.1009, 68.1331, 87.5098



14.9708, 16.0281, 19.2269



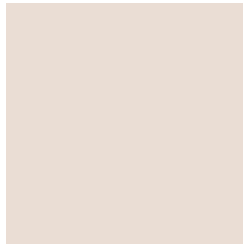
13.5980, 13.8429, 45.6982



1.1620, 1.2755, 3.6198

Previews

White Background



This preview shows how the XYZ color 71.6718, 73.9588, 72.7853 looks on a white background.

Color Contrast Check

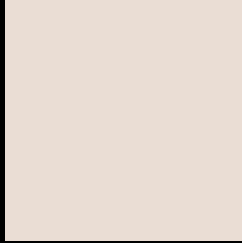
Large Text (above 18pt) WCAG AA × Fail

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 71.6718, 73.9588, 72.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

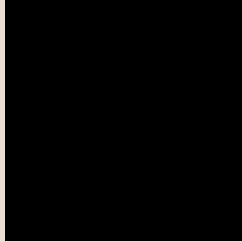
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

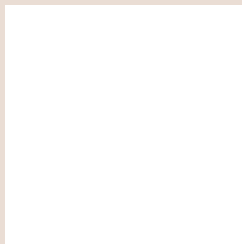
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6718, 73.9588, 72.7853

Background



This preview shows how black text looks on a background with the XYZ color 71.6718, 73.9588, 72.7853.



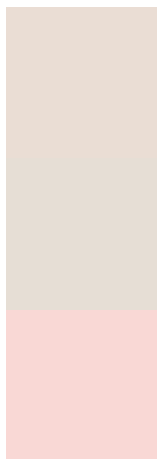
This preview shows how white text looks on a background with the XYZ color 71.6718, 73.9588,

72.7853.

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

71.6718, 73.9588, 72.7853

Protanopia

70.7646, 73.8696, 73.4794

Deuteranopia

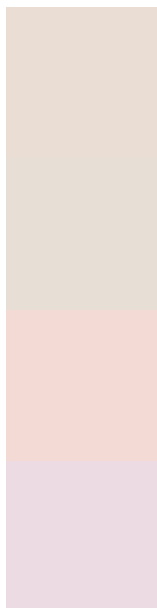
75.6330, 74.0556, 73.2587



Tritanopia

74.9919, 74.1455, 88.9563

Trichromacy



Original Color

71.6718, 73.9588, 72.7853

Protanomaly

71.0865, 74.0356, 73.4944

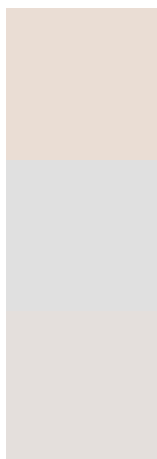
Deuteranomaly

74.3899, 74.1800, 73.3482

Tritanomaly

73.7887, 74.0420, 83.0755

Monochromacy



Original Color

71.6718, 73.9588, 72.7853

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3009, 74.4366, 78.3199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6718, 73.9588, 72.7853 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(234, 221, 212) looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 212)  
}
```

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(234, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 212) }
```

Border

The CSS property to change the border of an element to XYZ 71.6718, 73.9588, 72.7853 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(234, 221, 212) }
```


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

```
.border{ border-color:rgb(234, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6718, 73.9588, 72.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 212) }
```

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

```
.background{ background-color: rgb(234,  
221, 212) }
```

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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