

Converting Colors

XYZ(71.2048, 73.9520, 68.2243)

Have a look what the booklet for
XYZ(71.2048, 73.9520, 68.2243)
contains.

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Color

**XYZ(71.1368, 73.7828,
68.2498)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDCD
RGB	235, 221, 205
RGB Percent	92%, 87%, 80%
CMY	0.0784, 0.1333, 0.1961
CMYK	0.00, 0.06, 0.13, 0.08
HSL	32°, 43%, 86%
HSV	32°, 13%, 92%
XYZ	71.1368, 73.7828, 68.2498
YIQ	223.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

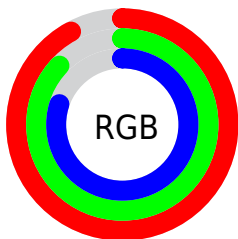
Format	Color
RYB	231, 235, 205
Decimal	15457741
CIELab	88.82, 2.16, 9.56
CIElCh	89, 9.800, 77.295
Yxy	73.7828, 0.3337, 0.3461
Android (android.graphics.Color)	4293647821 (0xFFEBDDCD)
YUV	223.3620, -9.0525, 10.2065
Hunter-Lab	85.8969, -2.4922, 13.0187

Details

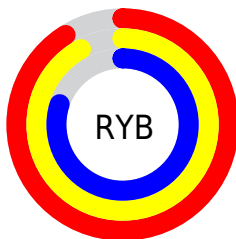
The XYZ color **71.1368, 73.7828, 68.2498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5035, 69.6389, 88.5871**, and the grayscale version is **70.4540, 74.1230, 80.7200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8125, 39.0905, 34.8304** is the 20% darker color. If you saturate the color by 10%, you get **65.7104, 67.1333, 53.4811**, and if you desaturate by 10%, it is **77.1824, 80.9874, 85.3287**.

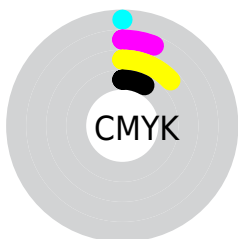
Distribution



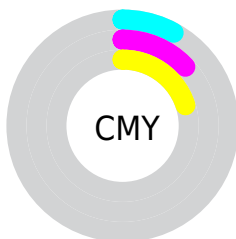
- Red (92%)
- Green (87%)
- Blue (80%)



- Red (91%)
- Yellow (92%)
- Blue (80%)



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



- Cyan (8%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1368, 73.7828, 68.2498 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 71.1368, 73.7828, 68.2498 by changing the saturation by 10% instead.

71.1368, 73.7828,
68.2498

71.1368, 73.7828,
68.2498

453.7359,
473.7234, 473.0026

52.7368, 54.6163,
49.6330

119.8459,
124.5879, 118.3670

37.8193, 39.0946,
34.7528

150.8858,
156.9952, 150.7045

26.0191, 26.8333,
23.1905

186.8696,
194.5849, 188.4527

16.9707, 17.4481,
14.5276

228.1628,
237.7415, 232.0301

10.3087, 10.5545,
8.3456

275.1306,
286.8492, 281.8553

5.6680, 5.7681,
4.2259

328.1385,

2.6830, 2.7046,

342.2925, 338.3467

1.7501

387.5518,
404.4558, 401.9230

■ 0.9884, 0.9795,
0.3947

■ 0.0000, 0.0000,
0.0000

■ 71.1368, 73.7828,
68.2498

■ 71.1368, 73.7828,
68.2498

■ 65.7104, 67.1333,
53.4811

■ 77.1824, 80.9874,
85.3287

■ 60.8746, 61.0143,
40.9169

■ 83.8625, 88.7512,
104.8077

■ 56.6074, 55.4136,
30.4504

■ 87.7198, 95.6995,
108.4563

■ 52.8829, 50.3147,
21.9638

■ 88.0712, 96.4023,
108.5734

■ 49.6728, 45.7001,
15.3275

■ 46.9457, 41.5506,
10.3964

■ 44.6660, 37.8453,
7.0032

■ 42.7911, 34.5601,
4.9458

■ 41.6416, 32.4231,
4.0635

Harmonies

Analogous

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



73.2692, 73.7828, 71.1102



71.1368, 73.7828, 68.2498



68.7804, 73.7828, 68.4931

Triad

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



71.1368, 73.7828, 68.2498



65.8607, 73.7828, 84.2854



73.5356, 73.7828, 89.5311

Complementary

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



71.1368, 73.7828, 68.2498



65.5035, 69.6389, 88.5871

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.



71.4938, 73.7828, 93.4730



71.1368, 73.7828, 68.2498



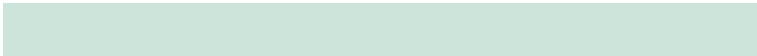
67.0785, 73.7828, 90.3291

Square

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



71.1368, 73.7828, 68.2498



65.7700, 73.7828, 77.4966



69.1295, 73.7828, 93.7730



74.6750, 73.7828, 83.2458

Rectangle

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



71.1368, 73.7828, 68.2498



67.3994, 73.7828, 70.3817



69.1295, 73.7828, 93.7730



72.9300, 73.7828, 91.1892

Sweetspot

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



71.1388, 73.7861, 68.2514



91.9516, 96.3618, 99.9795



68.8793, 66.4403, 76.2126



19.5597, 20.4815, 21.0518



0.0000, 0.0000, 0.0000



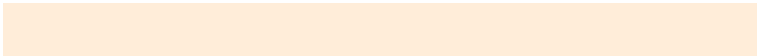
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1388, 73.7861, 68.2514



84.0612, 86.9153, 77.8211



74.6602, 81.3176, 69.5195



15.7309, 16.3848, 15.8522



23.3044, 18.3030, 2.3046



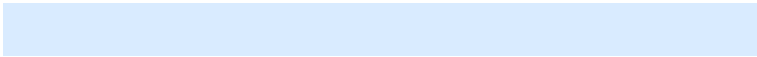
1.9261, 1.6296, 0.2130

Inverse Universe

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



65.5035, 69.6389, 88.5871



76.1833, 81.1181, 106.2498



62.2813, 62.7837, 87.4338



14.8105, 15.7074, 19.1735



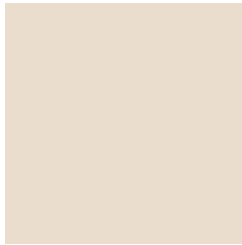
11.5520, 9.7510, 45.0162



1.0026, 0.9566, 3.5667

Previews

White Background



This preview shows how the XYZ color 71.1368, 73.7828, 68.2498 looks on a white background.

Color Contrast Check

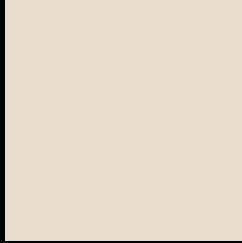
Large Text (above 18pt) WCAG AA × Fail

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 71.1368, 73.7828, 68.2498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

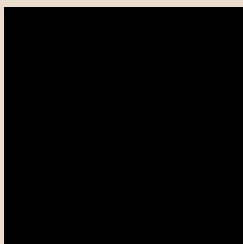
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

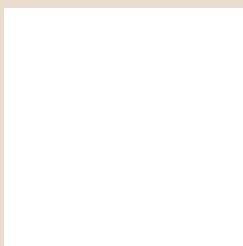
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1368, 73.7828, 68.2498

Background



This preview shows how black text looks on a background with the XYZ color 71.1368, 73.7828, 68.2498.

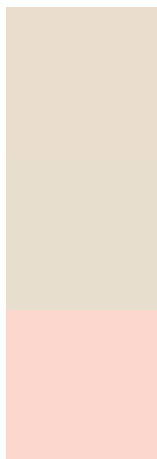


This preview shows how white text looks on a background with the XYZ color 71.1368, 73.7828,

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

71.1368, 73.7828, 68.2498

Protanopia

70.2169, 73.6877, 68.9148

Deuteranopia

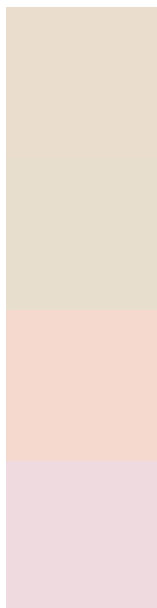
75.2247, 73.5663, 68.6275



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

71.1368, 73.7828, 68.2498

Protanomaly

70.5406, 73.8546, 68.9300

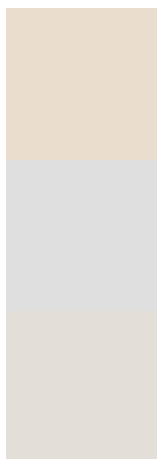
Deuteranomaly

73.6096, 73.4944, 68.6987

Tritanomaly

73.6506, 73.6477, 80.1457

Monochromacy



Original Color

71.1368, 73.7828, 68.2498

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1945, 73.5313, 75.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1368, 73.7828, 68.2498 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(235, 221, 205) looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 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(235, 221, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 205) }
```

Border

The CSS property to change the border of an element to XYZ 71.1368, 73.7828, 68.2498 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(235, 221, 205) }
```


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

```
.border{ border-color:rgb(235, 221, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 221, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1368, 73.7828, 68.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 205) }
```

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

```
.background{ background-color: rgb(235,  
221, 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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