

Converting Colors

XYZ(71.1107, 74.1203, 70.2332)

Have a look what the booklet for
XYZ(71.1107, 74.1203, 70.2332)
contains.

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Color

**XYZ(71.1107, 74.1203,
70.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DED0
RGB	233, 222, 208
RGB Percent	91%, 87%, 82%
CMY	0.0863, 0.1294, 0.1843
CMYK	0.00, 0.05, 0.11, 0.09
HSL	34°, 36%, 86%
HSV	34°, 11%, 91%
XYZ	71.1107, 74.1203, 70.2332
YIQ	223.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

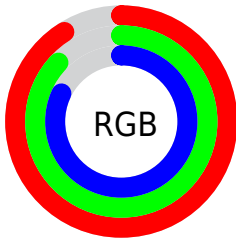
Format	Color
R _Y B	228, 233, 208
Decimal	15326928
CIE Lab	88.98, 1.41, 8.19
CIE LCh	89, 8.314, 80.222
Yxy	74.1203, 0.3300, 0.3440
Android (android.graphics.Color)	4293517008 (0xFFE9DED0)
YUV	223.6930, -7.7366, 8.1622
Hunter-Lab	86.0931, -3.2267, 11.8975

Details

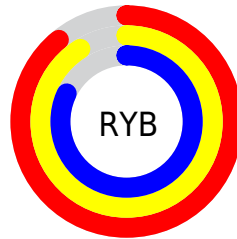
The XYZ color **71.1107, 74.1203, 70.2332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0516, 69.9547, 87.1127**, and the grayscale version is **70.6821, 74.3631, 80.9814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7829, 39.3176, 36.1695** is the 20% darker color. If you saturate the color by 10%, you get **65.8131, 67.7801, 55.3481**, and if you desaturate by 10%, it is **76.9991, 80.9664, 87.3947**.

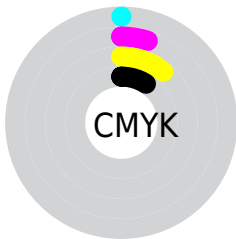
Distribution



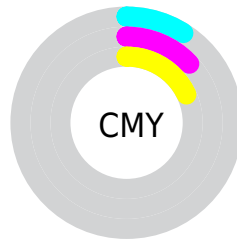
- Red (91%)
- Green (87%)
- Blue (82%)



- Red (89%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1107, 74.1203, 70.2332 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 71.1107, 74.1203, 70.2332 by changing the saturation by 10% instead.

71.1107, 74.1203,
70.2332

71.1107, 74.1203,
70.2332

453.6461,
474.8885, 480.1796

52.7154, 54.8925,
51.2387

119.8090,
125.0663, 121.2255

37.8022, 39.3157,
36.0206

150.8427,
157.5533, 154.0603

26.0057, 27.0054,
24.1603

186.8199,
195.2289, 192.3457

16.9606, 17.5773,
15.2392

228.1060,
238.4774, 236.5002

10.3015, 10.6469,
8.8390

275.0663,
287.6832, 286.9423

5.6631, 5.8299,
4.5409

328.0662,

2.6801, 2.7420,

343.2307, 344.0905

1.9265

387.4710,
405.5043, 408.3635

■ 0.9869, 0.9985,
0.5095

■ 0.0000, 0.0000,
0.0000

■ 71.1107, 74.1203,
70.2332

■ 71.1107, 74.1203,
70.2332

■ 65.8131, 67.7801,
55.3481

■ 76.9991, 80.9664,
87.3947

■ 61.0789, 61.9228,
42.6372

■ 83.4920, 88.3212,
106.9192

■ 56.8875, 56.5379,
31.9979

■ 86.7007, 94.6360,
108.3047

■ 53.2145, 51.6108,
23.3169

■ 87.4146, 96.0638,
108.5427

■ 50.0335, 47.1257,
16.4704

■ 47.3151, 43.0656,
11.3198

■ 45.0260, 39.4120,
7.7068

■ 43.1271, 36.1433,
5.4423

■ 41.6570, 33.4286,
4.2568

Harmonies

Analogous

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



72.9630, 74.1203, 72.4555



71.1107, 74.1203, 70.2332



69.1154, 74.1203, 70.7119

Triad

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



71.1107, 74.1203, 70.2332



66.8677, 74.1203, 84.6099



73.4759, 74.1203, 88.0313

Complementary

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



71.1107, 74.1203, 70.2332



66.0516, 69.9547, 87.1127

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.



71.7999, 74.1203, 91.5966



71.1107, 74.1203, 70.2332



67.9936, 74.1203, 89.5568

Square

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



71.1107, 74.1203, 70.2332



66.6911, 74.1203, 78.8303



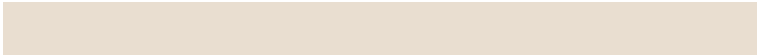
69.7917, 74.1203, 92.1679



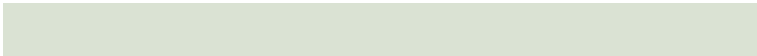
74.3457, 74.1203, 82.6080

Rectangle

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



71.1107, 74.1203, 70.2332



67.9711, 74.1203, 72.5070



69.7917, 74.1203, 92.1679



72.9866, 74.1203, 89.4975

Sweetspot

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



71.1127, 74.1236, 70.2348



92.7786, 97.3891, 102.1871



68.9801, 67.5640, 76.5969



19.7309, 20.6980, 21.4977



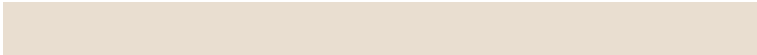
0.0000, 0.0000, 0.0000



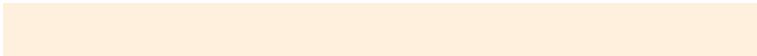
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1127, 74.1236, 70.2348



85.6886, 89.0937, 81.6824



73.7224, 79.9466, 71.2212



15.7654, 16.4539, 15.8637



23.7625, 19.2192, 2.4573



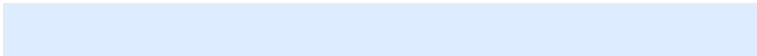
1.9615, 1.7003, 0.2248

Inverse Universe

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



66.0516, 69.9547, 87.1127



78.2477, 82.9647, 106.4974



63.6301, 64.5878, 86.2045



14.7764, 15.6391, 19.1621



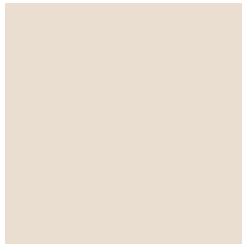
11.1872, 9.0213, 44.8946



0.9728, 0.8971, 3.5568

Previews

White Background



This preview shows how the XYZ color 71.1107, 74.1203, 70.2332 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 71.1107, 74.1203, 70.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

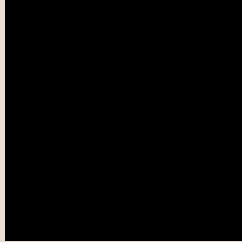
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

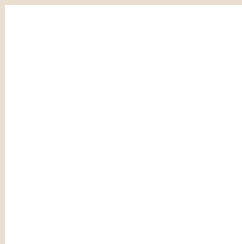
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1107, 74.1203, 70.2332

Background



This preview shows how black text looks on a background with the XYZ color 71.1107, 74.1203, 70.2332.

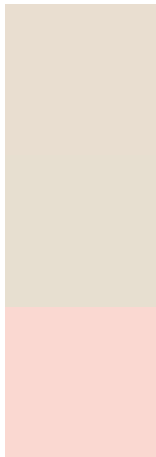


This preview shows how white text looks on a background with the XYZ color 71.1107, 74.1203,

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

71.1107, 74.1203, 70.2332

Protanopia

70.7278, 74.3183, 70.2916

Deuteranopia

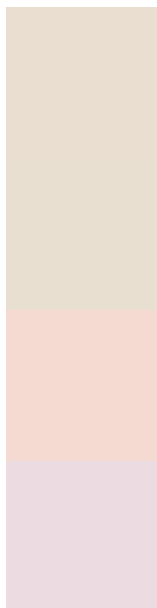
75.4888, 74.0392, 70.6339



Tritanopia

74.9919, 74.1455, 88.9563

Trichromacy



Original Color

71.1107, 74.1203, 70.2332

Protanomaly

71.0516, 74.4852, 70.3068

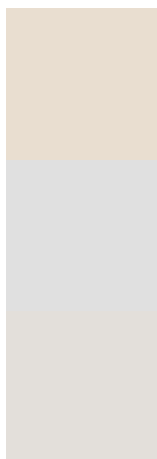
Deuteranomaly

73.8883, 73.9794, 70.7067

Tritanomaly

73.5142, 73.9321, 81.6299

Monochromacy



Original Color

71.1107, 74.1203, 70.2332

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7211, 74.1682, 76.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1107, 74.1203, 70.2332 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(233, 222, 208) looks like.

```
.text, #text, p{  
    color:rgb(233, 222, 208)  
}
```

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(233, 222, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.1107, 74.1203, 70.2332 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(233, 222, 208) }
```


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

```
.border{ border-color:rgb(233, 222, 208) }
```

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

Here you see how a box with a 4 pixel rgb(233, 222, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 222, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 222, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 222,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1107, 74.1203, 70.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 208) }
```

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

```
.background{ background-color: rgb(233,  
222, 208) }
```

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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