

Converting Colors

XYZ(68.5457, 71.2254, 72.9796)

Have a look what the booklet for
XYZ(68.5457, 71.2254, 72.9796)
contains.

XYZ(68.4457, 71.1157, 73.0700)	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(68.4457, 71.1157,
73.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DAD5
RGB	226, 218, 213
RGB Percent	89%, 85%, 84%
CMY	0.1137, 0.1451, 0.1647
CMYK	0.00, 0.04, 0.06, 0.11
HSL	23°, 18%, 86%
HSV	23°, 6%, 89%
XYZ	68.4457, 71.1157, 73.0700
YIQ	219.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

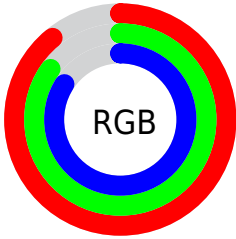
Format	Color
R_{YB}	226, 221, 213
Decimal	14867157
CIE Lab	87.54, 1.87, 3.42
CIE LCh	88, 3.895, 61.340
Yxy	71.1157, 0.3219, 0.3345
Android (android.graphics.Color)	4293057237 (0xFFE2DAD5)
YUV	219.8220, -3.3632, 5.4181
Hunter-Lab	84.3301, -2.7000, 7.6577

Details

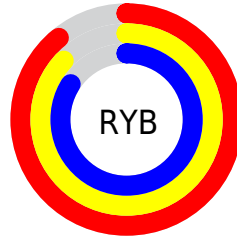
The XYZ color **68.4457, 71.1157, 73.0700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0244, 71.3489, 82.1915**, and the grayscale version is **67.9247, 71.4621, 77.8222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0633, 37.3209, 37.6507** is the 20% darker color. If you saturate the color by 10%, you get **62.3204, 63.1398, 57.8481**, and if you desaturate by 10%, it is **75.2771, 79.8623, 90.5012**.

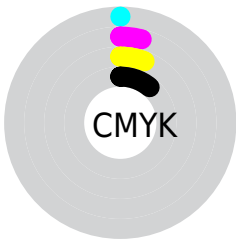
Distribution



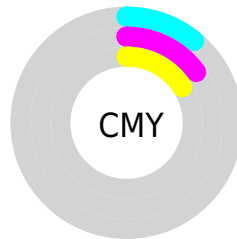
- Red (89%)
- Green (85%)
- Blue (84%)



- Red (89%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4457, 71.1157, 73.0700 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 68.4457, 71.1157, 73.0700 by changing the saturation by 10% instead.

68.4457, 71.1157,
73.0700

68.4457, 71.1157,
73.0700

444.4255,
464.4578, 490.3347

50.5354, 52.4366,
53.5410

116.0279,
120.7985, 125.2984

36.0585, 37.3532,
37.8442

146.4306,
152.5709, 158.8349

24.6497, 25.4811,
25.5609

181.7281,
189.4766, 197.8777

15.9436, 16.4358,
16.2726

222.2858,
231.9000, 242.8454

9.5749, 9.8331,
9.5608

268.4690,
280.2254, 294.1563

5.1781, 5.2884,
5.0070

320.6431,

2.3880, 2.4175,

334.8372, 352.2292

2.1925

379.1735,
396.1199, 417.4824

■ 0.8391, 0.8349,
0.6701

■ 0.0000, 0.0000,
0.0000

■ 68.4457, 71.1157,
73.0700

■ 68.4457, 71.1157,
73.0700

■ 62.3204, 63.1398,
57.8481

■ 75.2771, 79.8623,
90.5012

■ 56.8715, 55.9042,
44.7419

■ 82.3114, 89.1830,
107.4835

■ 52.0757, 49.3894,
33.6579

■ 85.1744, 94.9089,
108.4378

■ 47.9061, 43.5719,
24.4935

■ 44.3336, 38.4268,
17.1373

■ 41.3267, 33.9275,
11.4661

■ 38.8503, 30.0451,
7.3411

■ 36.8648, 26.7482,
4.6008

■ 35.3226, 24.0011,
3.0467

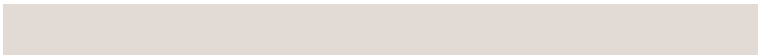
Harmonies

Analogous

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



69.1162, 71.1157, 74.8265



68.4457, 71.1157, 73.0700



67.5520, 71.1157, 72.4755

Triad

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



68.4457, 71.1157, 73.0700



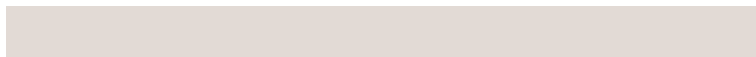
65.8394, 71.1157, 77.5515



68.5180, 71.1157, 81.8431

Complementary

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



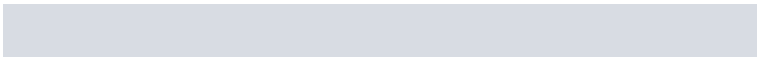
68.4457, 71.1157, 73.0700



67.0244, 71.3489, 82.1915

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.



67.6347, 71.1157, 82.6114



68.4457, 71.1157, 73.0700



66.0930, 71.1157, 80.0991

Square

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



68.4457, 71.1157, 73.0700



66.0523, 71.1157, 75.0273



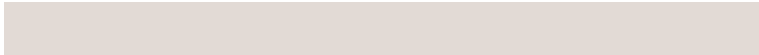
66.7481, 71.1157, 81.9661



69.1582, 71.1157, 79.8893

Rectangle

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



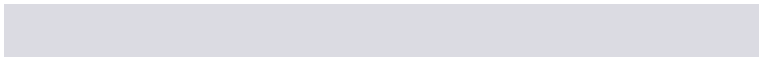
68.4457, 71.1157, 73.0700



66.9514, 71.1157, 72.8072



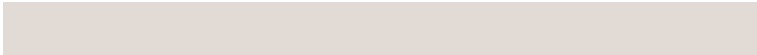
66.7481, 71.1157, 81.9661



68.2394, 71.1157, 82.2505

Sweetspot

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



68.4477, 71.1188, 73.0715



93.2471, 97.6907, 104.3018



68.2126, 68.9796, 78.1384



19.9776, 20.9341, 22.3730



0.0000, 0.0000, 0.0000



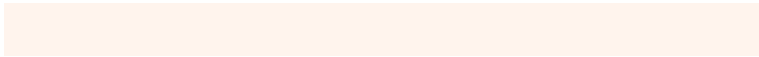
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4477, 71.1188, 73.0715



88.9050, 92.0972, 93.3265



70.1609, 74.5453, 73.6426



14.3913, 14.8903, 15.0066



19.9439, 13.3258, 1.5210



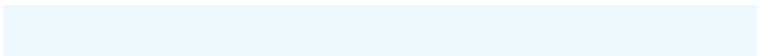
1.4672, 1.0934, 0.1337

Inverse Universe

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



67.0244, 71.3489, 82.1915



86.6322, 92.4645, 107.8892



65.3466, 67.9933, 81.6323



13.9965, 14.9541, 17.5364



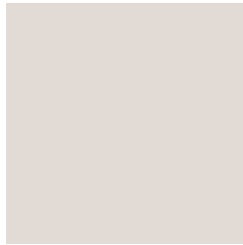
13.2175, 13.9045, 43.0356



1.0021, 1.1356, 3.0116

Previews

White Background



This preview shows how the XYZ color 68.4457, 71.1157, 73.0700 looks on a white background.

Color Contrast Check

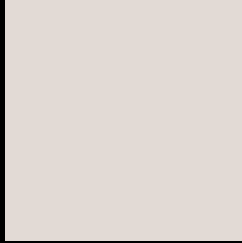
Large Text (above 18pt) WCAG AA × Fail

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 68.4457, 71.1157, 73.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

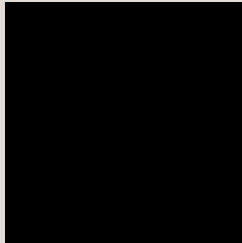
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

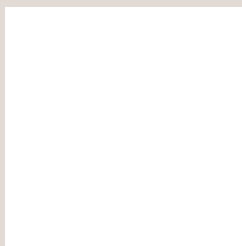
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4457, 71.1157, 73.0700

Background



This preview shows how black text looks on a background with the XYZ color 68.4457, 71.1157, 73.0700.



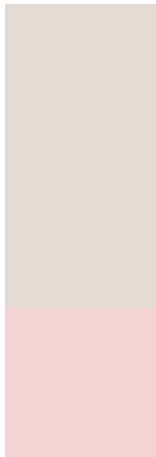
This preview shows how white text looks on a background with the XYZ color 68.4457, 71.1157,

73.0700.

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

68.4457, 71.1157, 73.0700

Protanopia

68.1330, 70.9545, 73.0554

Deuteranopia

72.2990, 70.8193, 73.4772



Tritanopia

71.1790, 71.0851, 86.3132

Trichromacy



Original Color

68.4457, 71.1157, 73.0700

Protanomaly

68.1330, 70.9545, 73.0554

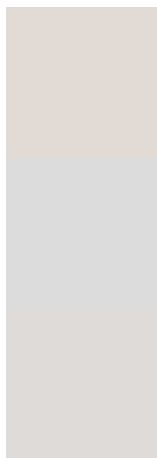
Deuteranomaly

70.7762, 70.7810, 73.5501

Tritanomaly

70.1414, 71.0420, 81.2498

Monochromacy



Original Color

68.4457, 71.1157, 73.0700

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9801, 71.2024, 75.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4457, 71.1157, 73.0700 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(226, 218, 213) looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 213)  
}
```

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(226, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 213) }
```

Border

The CSS property to change the border of an element to XYZ 68.4457, 71.1157, 73.0700 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(226, 218, 213) }
```


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

```
.border{ border-color:rgb(226, 218, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 218, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 218, 213); box-shadow:4px 4px 4px 4px rgb(226, 218, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4457, 71.1157, 73.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 213) }
```

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

```
.background{ background-color: rgb(226,  
218, 213) }
```

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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