

Converting Colors

XYZ(68.2757, 71.3867, 71.3513)

Have a look what the booklet for
XYZ(68.2757, 71.3867, 71.3513)
contains.

XYZ(68.3284, 71.4849, 71.1694)	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(68.3284, 71.4849,
71.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBD2
RGB	226, 219, 210
RGB Percent	89%, 86%, 82%
CMY	0.1137, 0.1412, 0.1765
CMYK	0.00, 0.03, 0.07, 0.11
HSL	34°, 22%, 85%
HSV	34°, 7%, 89%
XYZ	68.3284, 71.4849, 71.1694
YIQ	220.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

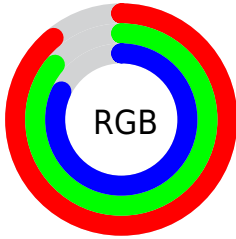
Format	Color
RYB	222, 226, 210
Decimal	14867410
CIELab	87.72, 0.84, 5.26
CIELCh	88, 5.325, 80.913
Yxy	71.4849, 0.3239, 0.3388
Android (android.graphics.Color)	4293057490 (0xFFE2DBD2)
YUV	220.0670, -4.9630, 5.2032
Hunter-Lab	84.5487, -3.7048, 9.2764

Details

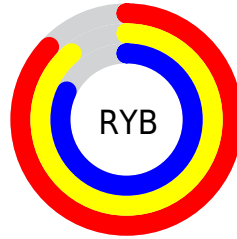
The XYZ color **68.3284, 71.4849, 71.1694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1186, 68.8172, 81.8033**, and the grayscale version is **68.1060, 71.6528, 78.0299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0708, 37.6091, 36.8106** is the 20% darker color. If you saturate the color by 10%, you get **63.2079, 65.4356, 56.5383**, and if you desaturate by 10%, it is **74.0036, 78.0056, 87.9490**.

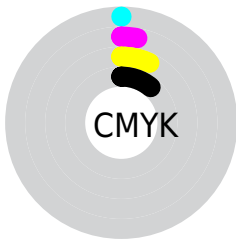
Distribution



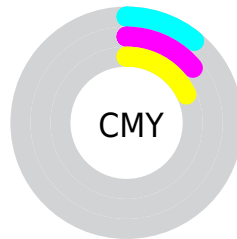
- Red (89%)
- Green (86%)
- Blue (82%)



- Red (87%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3284, 71.4849, 71.1694 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 68.3284, 71.4849, 71.1694 by changing the saturation by 10% instead.

■ 68.3284, 71.4849,
71.1694

■ 68.3284, 71.4849,
71.1694

444.0172,
465.7467, 483.5450

■ 50.4396, 52.7380,
51.9978

115.8611,
121.3239, 122.5716

■ 35.9820, 37.5937,
36.6211

146.2358,
153.1848, 155.6393

■ 24.5904, 25.6675,
24.6208

181.5031,
190.1859, 194.1760

■ 15.8992, 16.5750,
15.5783

222.0285,
232.7114, 238.6004

■ 9.5433, 9.9320,
9.0751

268.1772,
281.1459, 289.3309

■ 5.1571, 5.3539,
4.6927

320.3147,

■ 2.3755, 2.4564,

335.8737, 346.7862

2.0126

378.8062,
397.2791, 411.3847

■ 0.8329, 0.8547,
0.5630

■ 0.0000, 0.0000,
0.0000

■ 68.3284, 71.4849,
71.1694

■ 68.3284, 71.4849,
71.1694

■ 63.2079, 65.4356,
56.5383

■ 74.0036, 78.0056,
87.9490

■ 58.6170, 59.8365,
43.9627

■ 80.2133, 84.9868,
106.7841

■ 54.5371, 54.6782,
33.3500

■ 83.1823, 90.9247,
107.7738

■ 50.9465, 49.9475,
24.5983

■ 85.1744, 94.9089,
108.4378

■ 47.8213, 45.6303,
17.5966

■ 45.1353, 41.7115,
12.2218

■ 42.8594, 38.1744,
8.3348

■ 40.9596, 35.0004,
5.7724

■ 39.3924, 32.1670,
4.3222

Harmonies

Analogous

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



69.4864, 71.4849, 72.5621



68.3284, 71.4849, 71.1694



67.0814, 71.4849, 71.5192

Triad

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



68.3284, 71.4849, 71.1694



65.7016, 71.4849, 80.3431



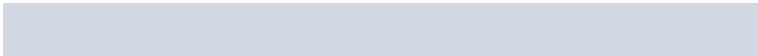
69.8460, 71.4849, 82.3014

Complementary

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



68.3284, 71.4849, 71.1694



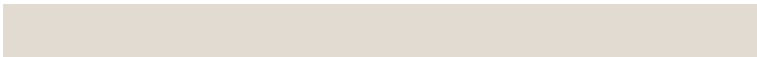
65.1186, 68.8172, 81.8033

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.



68.8145, 71.4849, 84.5119



68.3284, 71.4849, 71.1694



66.4251, 71.4849, 83.3571

Square

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



68.3284, 71.4849, 71.1694



65.5751, 71.4849, 76.7420



67.5615, 71.4849, 84.9041



70.3697, 71.4849, 78.9382

Rectangle

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



68.3284, 71.4849, 71.1694



66.3667, 71.4849, 72.6981



67.5615, 71.4849, 84.9041



69.5466, 71.4849, 83.2082

Sweetspot

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



68.3304, 71.4880, 71.1709



93.5324, 98.2613, 104.3969



66.9620, 67.2831, 75.2407



20.0357, 21.0503, 22.3924



0.0000, 0.0000, 0.0000



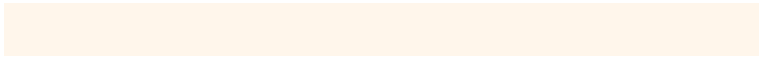
20.3446, 21.4041, 23.3091

Same Dimension

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



68.3304, 71.4880, 71.1709



89.1578, 93.1954, 91.5840



69.9438, 75.0865, 71.7805



14.3440, 14.9739, 14.4410



22.3566, 18.1511, 2.3252



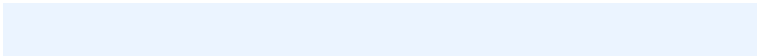
1.6383, 1.4355, 0.1907

Inverse Universe

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



65.1186, 68.8172, 81.8033



84.3854, 89.2269, 107.3827



63.5817, 65.4046, 81.2256



13.4427, 14.2244, 17.4248



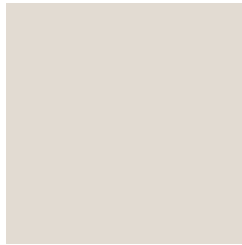
10.4808, 8.4311, 42.1233



0.8144, 0.7603, 2.9491

Previews

White Background



This preview shows how the XYZ color 68.3284, 71.4849, 71.1694 looks on a white background.

Color Contrast Check

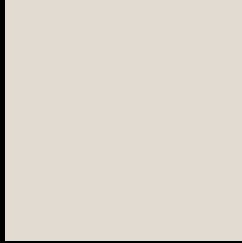
Large Text (above 18pt) WCAG AA × Fail

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 68.3284, 71.4849, 71.1694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

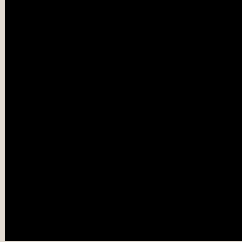
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

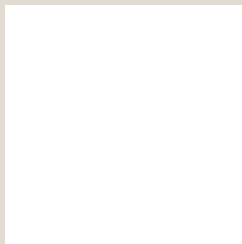
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3284, 71.4849, 71.1694

Background



This preview shows how black text looks on a background with the XYZ color 68.3284, 71.4849, 71.1694.

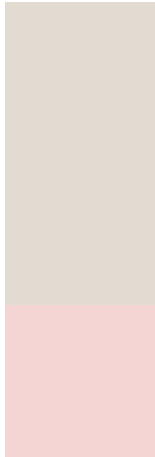


This preview shows how white text looks on a background with the XYZ color 68.3284, 71.4849,

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

68.3284, 71.4849, 71.1694

Protanopia

68.3284, 71.4849, 71.1694

Deuteranopia

72.8603, 71.5247, 71.5935



Tritanopia

71.5769, 71.6529, 87.1487

Trichromacy



Original Color

68.3284, 71.4849, 71.1694

Protanomaly

68.3284, 71.4849, 71.1694

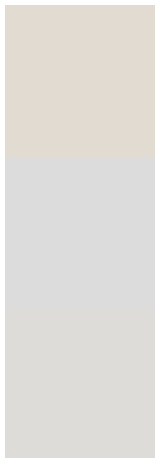
Deuteranomaly

70.9834, 71.3086, 71.6507

Tritanomaly

70.3984, 71.5559, 81.3354

Monochromacy



Original Color

68.3284, 71.4849, 71.1694

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1121, 71.6739, 75.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3284, 71.4849, 71.1694 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, 219, 210) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 210)  
}
```

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, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 210) }
```

Border

The CSS property to change the border of an element to XYZ 68.3284, 71.4849, 71.1694 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, 219, 210) }
```


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

```
.border{ border-color:rgb(226, 219, 210) }
```

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

Here you see how a box with a 4 pixel rgb(226, 219, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3284, 71.4849, 71.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 210) }
```

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

```
.background{ background-color: rgb(226,  
219, 210) }
```

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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