

Converting Colors

XYZ(69.3720, 71.4496, 62.3614)

Have a look what the booklet for
XYZ(69.3720, 71.4496, 62.3614)
contains.

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Color

**XYZ(69.3687, 71.4441,
62.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD9C4
RGB	236, 217, 196
RGB Percent	93%, 85%, 77%
CMY	0.0745, 0.1490, 0.2314
CMYK	0.00, 0.08, 0.17, 0.07
HSL	32°, 51%, 85%
HSV	32°, 17%, 93%
XYZ	69.3687, 71.4441, 62.3585
YIQ	220.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

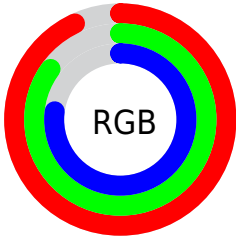
Format	Color
R _Y B	232, 236, 196
Decimal	15522244
CIE Lab	87.70, 3.19, 12.70
CIE LCh	88, 13.098, 75.914
Yxy	71.4441, 0.3414, 0.3516
Android (android.graphics.Color)	4293712324 (0xFFECD9C4)
YUV	220.2870, -11.9735, 13.7803
Hunter-Lab	84.5246, -1.4245, 15.4257

Details

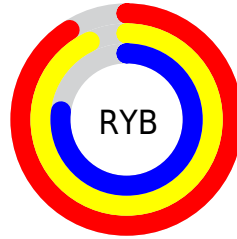
The XYZ color **69.3687, 71.4441, 62.3585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2053, 66.3912, 88.8936**, and the grayscale version is **68.3017, 71.8587, 78.2542**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **36.6252, 37.4970, 30.8985** is the 20% darker color. If you saturate the color by 10%, you get **64.1002, 64.8727, 48.3755**, and if you desaturate by 10%, it is **75.2599, 78.5833, 78.6354**.

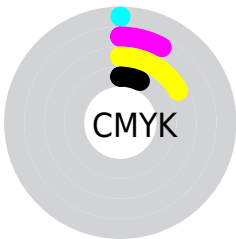
Distribution



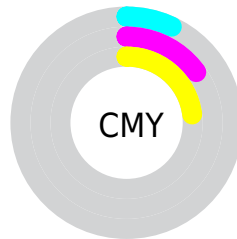
- Red (93%)
- Green (85%)
- Blue (77%)



- Red (91%)
- Yellow (93%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3687, 71.4441, 62.3585 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 69.3687, 71.4441, 62.3585 by changing the saturation by 10% instead.

69.3687, 71.4441,
62.3585

69.3687, 71.4441,
62.3585

447.6313,
465.6044, 451.2813

51.2898, 52.7047,
44.8848

117.3392,
121.2659, 109.8201

36.6613, 37.5671,
31.0244

147.9615,
153.1170, 140.6451

25.1178, 25.6469,
20.3588

183.4957,
190.1075, 176.7576

16.2940, 16.5596,
12.4695

224.3070,
232.6218, 218.5761

9.8246, 9.9210,
6.9378

270.7609,
281.0442, 266.5191

5.3442, 5.3466,
3.3454

323.2227,

2.4874, 2.4520,

335.7592, 321.0054

1.2736

382.0577,
397.1511, 382.4532

■ 0.8889, 0.8525,
0.0400

■ 0.0000, 0.0000,
0.0000

■ 69.3687, 71.4441,
62.3585

■ 69.3687, 71.4441,
62.3585

■ 64.1002, 64.8727,
48.3755

■ 75.2599, 78.5833,
78.6354

■ 59.4249, 58.8439,
36.5767

■ 81.7901, 86.2956,
97.2998

■ 55.3197, 53.3445,
26.8504

■ 87.0232, 93.8148,
108.1292

■ 51.7570, 48.3568,
19.0729

■ 88.4023, 96.5730,
108.5889

■ 48.7070, 43.8622,
13.1071

■ 46.1361, 39.8401,
8.7979

■ 44.0053, 36.2675,
5.9636

■ 42.2661, 33.1175,
4.3714

■ 41.7909, 32.2303,
4.0184

Harmonies

Analogous

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



72.1440, 71.4441, 66.1450



69.3687, 71.4441, 62.3585



66.2817, 71.4441, 62.4804

Triad

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



69.3687, 71.4441, 62.3585



62.3250, 71.4441, 82.5731



72.2843, 71.4441, 90.3016

Complementary

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



69.3687, 71.4441, 62.3585



62.2053, 66.3912, 88.8936

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.



69.5555, 71.4441, 95.4171



69.3687, 71.4441, 62.3585



63.8363, 71.4441, 90.7283

Square

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



69.3687, 71.4441, 62.3585



62.2784, 71.4441, 73.7034



66.4630, 71.4441, 95.5790



73.8617, 71.4441, 82.0259

Rectangle

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



69.3687, 71.4441, 62.3585



64.4637, 71.4441, 64.7495



66.4630, 71.4441, 95.5790



71.4676, 71.4441, 92.4746

Sweetspot

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



69.3706, 71.4473, 62.3600



91.1634, 95.4034, 97.8113



66.6413, 62.2371, 73.0161



19.3991, 20.2850, 20.6146



0.0000, 0.0000, 0.0000



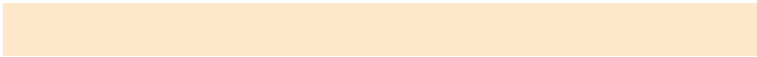
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3706, 71.4473, 62.3600



80.6538, 82.6490, 68.8287



74.3309, 81.6959, 64.0768



15.7201, 16.3632, 15.8486



23.1665, 18.0273, 2.2586



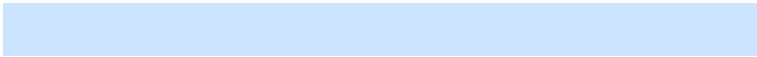
1.9154, 1.6081, 0.2094

Inverse Universe

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



62.2053, 66.3912, 88.8936



70.7555, 75.6647, 105.4833



57.8199, 57.3623, 87.3819



14.8212, 15.7288, 19.1771



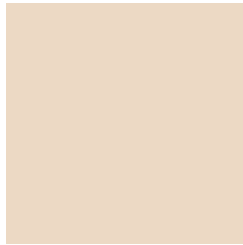
11.6716, 9.9902, 45.0561



1.0122, 0.9759, 3.5699

Previews

White Background



This preview shows how the XYZ color 69.3687, 71.4441, 62.3585 looks on a white background.

Color Contrast Check

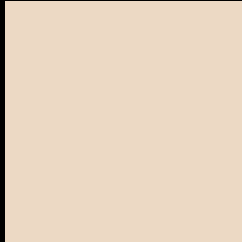
Large Text (above 18pt) WCAG AA × Fail

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 69.3687, 71.4441, 62.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

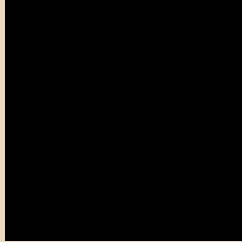
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3687, 71.4441, 62.3585

Background



This preview shows how black text looks on a background with the XYZ color 69.3687, 71.4441, 62.3585.



This preview shows how white text looks on a background with the XYZ color 69.3687, 71.4441,

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

69.3687, 71.4441, 62.3585

Protanopia

67.7227, 71.3523, 63.0263

Deuteranopia

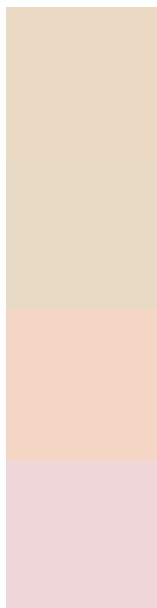
73.0459, 71.4422, 62.7631



Tritanopia

73.6215, 71.2694, 84.0048

Trichromacy



Original Color

69.3687, 71.4441, 62.3585

Protanomaly

68.4282, 71.3298, 62.9848

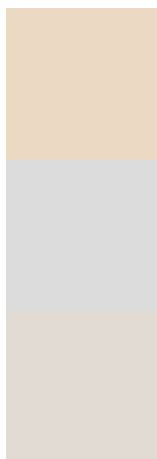
Deuteranomaly

71.7808, 71.5368, 62.8481

Tritanomaly

72.1676, 71.4536, 75.6339

Monochromacy



Original Color

69.3687, 71.4441, 62.3585

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.4534, 71.5349, 71.8278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3687, 71.4441, 62.3585 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(236, 217, 196) looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 196)  
}
```

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(236, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 196) }
```

Border

The CSS property to change the border of an element to XYZ 69.3687, 71.4441, 62.3585 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(236, 217, 196) }
```


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

```
.border{ border-color:rgb(236, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 217, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 217, 196); box-shadow:4px 4px 4px 4px rgb(236, 217, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3687, 71.4441, 62.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 196) }
```

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

```
.background{ background-color: rgb(236,  
217, 196) }
```

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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