

Converting Colors

XYZ(72.3007, 73.3636, 73.6328)

Have a look what the booklet for
XYZ(72.3007, 73.3636, 73.6328)
contains.

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Color

**XYZ(72.2668, 73.4717,
73.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDBD5
RGB	237, 219, 213
RGB Percent	93%, 86%, 84%
CMY	0.0706, 0.1412, 0.1647
CMYK	0.00, 0.08, 0.10, 0.07
HSL	15°, 40%, 88%
HSV	15°, 10%, 93%
XYZ	72.2668, 73.4717, 73.3234
YIQ	223.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

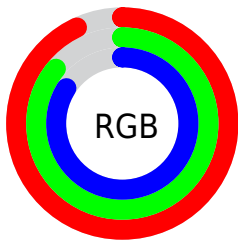
Format	Color
R _Y B	237, 221, 213
Decimal	15588309
CIE Lab	88.67, 5.18, 5.17
CIE LCh	89, 7.317, 44.907
Yxy	73.4717, 0.3299, 0.3354
Android (android.graphics.Color)	4293778389 (0xFFEDDBD5)
YUV	223.6980, -5.2741, 11.6659
Hunter-Lab	85.7156, 0.4909, 9.2827

Details

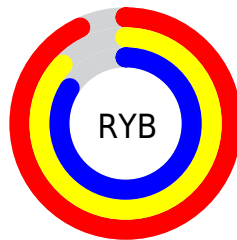
The XYZ color **72.2668, 73.4717, 73.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3022, 77.4108, 91.3052**, and the grayscale version is **70.6678, 74.3481, 80.9651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5031, 38.8433, 37.8159** is the 20% darker color. If you saturate the color by 10%, you get **65.0849, 63.5749, 57.1567**, and if you desaturate by 10%, it is **80.3874, 84.5407, 91.9736**.

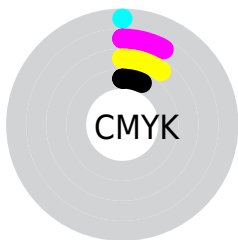
Distribution



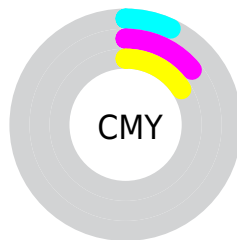
- Red (93%)
- Green (86%)
- Blue (84%)



- Red (93%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2668, 73.4717, 73.3234 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 72.2668, 73.4717, 73.3234 by changing the saturation by 10% instead.


 72.2668, 73.4717,
73.3234

 72.2668, 73.4717,
73.3234


457.6129,
472.6480, 491.2357

 53.6629, 54.3618,
53.7470


121.4445,
124.1466, 125.6614

 38.5618, 38.8910,
38.0076


152.7491,
156.4804, 159.2601

 26.5982, 26.6749,
25.6867


189.0178,
193.9909, 198.3699

 17.4067, 17.3292,
16.3658

230.6162,
237.0625, 243.4095

 10.6220, 10.4695,
9.6262

277.9096,
286.0796, 294.7973

 5.8787, 5.7113,
5.0495

331.2632,

 2.8114, 2.6704,

341.4266, 352.9519

2.2171

391.0426,
403.4880, 418.2919

■ 1.0548, 0.9622,
0.6842

■ 0.0000, 0.0000,
0.0000

■ 72.2668, 73.4717,
73.3234

■ 72.2668, 73.4717,
73.3234

■ 65.0849, 63.5749,
57.1567

■ 80.3874, 84.5407,
91.9736

■ 58.8012, 54.8021,
43.3637

■ 88.5911, 96.4562,
108.5564

■ 53.3810, 47.1159,
31.8332

■ 88.7354, 96.7447,
108.6045

■ 48.7852, 40.4731,
22.4431

■ 44.9712, 34.8276,
15.0601

■ 41.8927, 30.1298,
9.5355

■ 39.4977, 26.3252,
5.6995

■ 37.7268, 23.3536,
3.3511

■ 36.5045, 21.1629,
2.1608

Harmonies

Analogous

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



73.1677, 73.4717, 77.5209



72.2668, 73.4717, 73.3234



70.7211, 73.4717, 70.9661

Triad

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



72.2668, 73.4717, 73.3234



66.6033, 73.4717, 77.4912



70.7104, 73.4717, 89.7746

Complementary

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



72.2668, 73.4717, 73.3234



71.3022, 77.4108, 91.3052

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.



68.9517, 73.4717, 89.7659



72.2668, 73.4717, 73.3234



66.6005, 73.4717, 82.5277

Square

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



72.2668, 73.4717, 73.3234



67.4614, 73.4717, 73.3024



67.4538, 73.4717, 87.0662



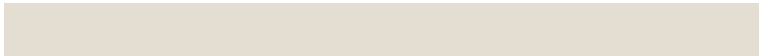
72.2589, 73.4717, 87.0898

Rectangle

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



72.2668, 73.4717, 73.3234



69.5424, 73.4717, 70.6895



67.4538, 73.4717, 87.0662



70.1237, 73.4717, 90.0902

Sweetspot

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



72.2688, 73.4749, 73.3250



92.0399, 95.9117, 101.9409



73.1440, 71.3636, 85.5215



19.5319, 20.2998, 21.4314



0.0000, 0.0000, 0.0000



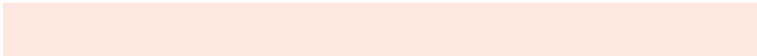
20.3446, 21.4041, 23.3091

Same Dimension

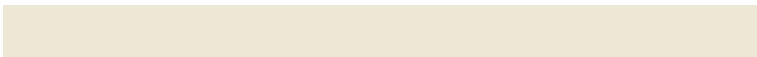
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2688, 73.4749, 73.3250



83.6211, 84.4081, 82.6908



75.5120, 79.9613, 74.4060



15.3716, 15.6663, 15.7324



20.0175, 11.7292, 1.2089



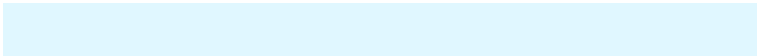
1.6463, 1.0700, 0.1198

Inverse Universe

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



71.3022, 77.4108, 91.3052



82.2808, 89.8637, 107.6165



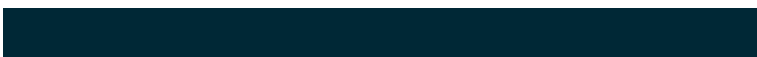
68.0591, 70.9246, 90.2242



15.1800, 16.4465, 19.2967



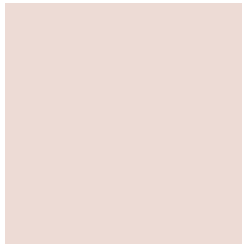
17.1152, 20.8774, 46.8706



1.4193, 1.7900, 3.7056

Previews

White Background



This preview shows how the XYZ color 72.2668, 73.4717, 73.3234 looks on a white background.

Color Contrast Check

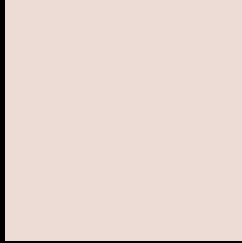
Large Text (above 18pt) WCAG AA × Fail

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 72.2668, 73.4717, 73.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

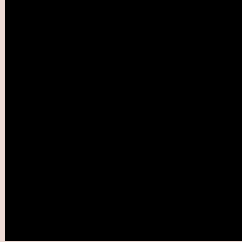
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

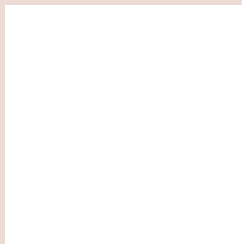
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2668, 73.4717, 73.3234

Background



This preview shows how black text looks on a background with the XYZ color 72.2668, 73.4717, 73.3234.



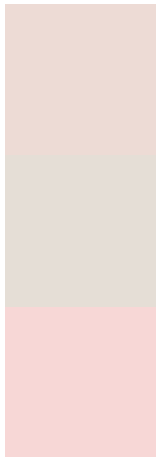
This preview shows how white text looks on a background with the XYZ color 72.2668, 73.4717,

73.3234.

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

72.2668, 73.4717, 73.3234

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

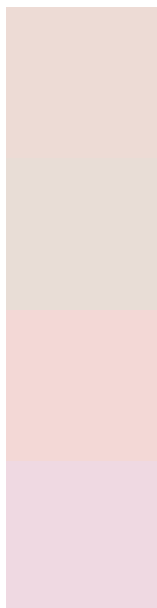
74.7958, 73.2301, 73.8110



Tritanopia

75.1990, 73.5202, 87.3182

Trichromacy



Original Color

72.2668, 73.4717, 73.3234

Protanomaly

71.2728, 73.7237, 74.0920

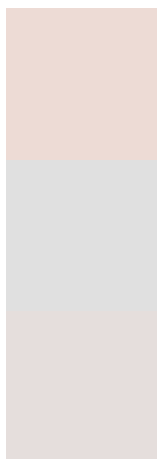
Deuteranomaly

73.6556, 73.0215, 73.8308

Tritanomaly

74.1369, 73.4674, 82.2247

Monochromacy



Original Color

72.2668, 73.4717, 73.3234

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3526, 74.0679, 78.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2668, 73.4717, 73.3234 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(237, 219, 213) looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 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(237, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.2668, 73.4717, 73.3234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

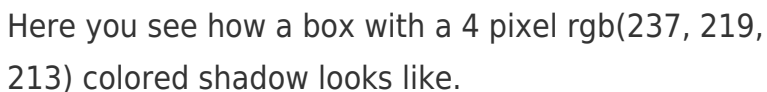
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 219, 213) }
```


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

```
.border{ border-color:rgb(237, 219, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 219, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 219, 213); box-shadow:4px 4px 4px 4px rgb(237, 219, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2668, 73.4717, 73.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 213) }
```

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

```
.background{ background-color: rgb(237,  
219, 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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