

Converting Colors

XYZ(68.6326, 73.4886, 69.7501)

Have a look what the booklet for
XYZ(68.6326, 73.4886, 69.7501)
contains.

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Color

**XYZ(68.6586, 73.6636,
69.6313)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E0CF
RGB	224, 224, 207
RGB Percent	88%, 88%, 81%
CMY	0.1216, 0.1215, 0.1882
CMYK	0.00, 0.00, 0.08, 0.12
HSL	60°, 22%, 85%
HSV	60°, 8%, 88%
XYZ	68.6586, 73.6636, 69.6313
YIQ	222.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

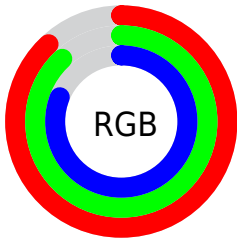
Format	Color
RYB	207, 224, 207
Decimal	14737615
CIELab	88.76, -2.94, 8.32
CIELCh	89, 8.819, 109.441
Yxy	73.6636, 0.3239, 0.3475
Android (android.graphics.Color)	4292927695 (0xFFE0E0CF)
YUV	222.0620, -7.4256, 1.6996
Hunter-Lab	85.8275, -7.4052, 11.9777

Details

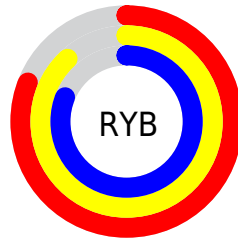
The XYZ color **68.6586, 73.6636, 69.6313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5024, 63.2749, 79.4967**, and the grayscale version is **69.5248, 73.1455, 79.6554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2999, 39.1109, 35.7729** is the 20% darker color. If you saturate the color by 10%, you get **66.1110, 72.6468, 56.2163**, and if you desaturate by 10%, it is **71.5989, 74.8423, 85.0959**.

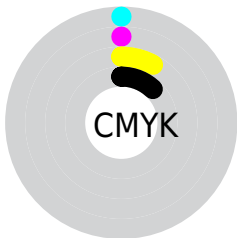
Distribution



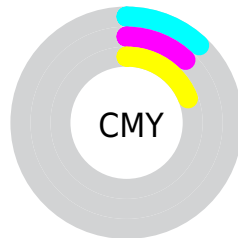
- Red (88%)
- Green (88%)
- Blue (81%)



- Red (81%)
- Yellow (88%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6586, 73.6636, 69.6313 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 68.6586, 73.6636, 69.6313 by changing the saturation by 10% instead.

■ 68.6586, 73.6636,
69.6313

■ 68.6586, 73.6636,
69.6313

445.1662,
473.3115, 478.0085

■ 50.7094, 54.5188,
50.7511

116.3306,
124.4188, 120.3590

■ 36.1975, 39.0165,
35.6352

146.7840,
156.7980, 153.0435

■ 24.7575, 26.7726,
23.8651

182.1362,
194.3574, 191.1666

■ 16.0243, 17.4025,
15.0223

222.7525,
237.4814, 235.1467

■ 9.6323, 10.5219,
8.6883

268.9983,
286.5544, 285.4024

■ 5.2162, 5.7463,
4.4444

321.2390,

■ 2.4107, 2.6915,

341.9608, 342.3522

1.8722

379.8398,
404.0851, 406.4147

■ 0.8505, 0.9729,
0.4749

■ 0.0000, 0.0000,
0.0000

■ 68.6586, 73.6636,
69.6313

■ 68.6586, 73.6636,
69.6313

■ 66.1110, 72.6468,
56.2163

■ 71.5989, 74.8423,
85.0959

■ 63.9337, 71.7756,
44.7604

■ 74.9410, 76.1794,
102.6860

■ 62.1114, 71.0465,
35.1734

■ 75.4534, 76.3846,
105.3746

■ 60.6251, 70.4517,
27.3563

■ 75.4552, 76.3855,
105.3747

■ 59.4543, 69.9832,
21.2008

■ 75.4570, 76.3864,
105.3748

■ 58.5763, 69.6318,
16.5867

■ 75.4589, 76.3874,
105.3749

■ 57.9652, 69.3872,
13.3780

■ 75.4607, 76.3883,
105.3750

■ 57.5905, 69.2371,
11.4147

■ 75.4625, 76.3893,
105.3750

■ 57.4111, 69.1651,
10.4793

■ 75.4643, 76.3902,
105.3751

Harmonies

Analogous

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



70.7694, 73.6636, 69.2037



68.6586, 73.6636, 69.6313



66.9446, 73.6636, 72.8083

Triad

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



68.6586, 73.6636, 69.6313



67.3815, 73.6636, 89.4676



74.1255, 73.6636, 82.3792

Complementary

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



68.6586, 73.6636, 69.6313



61.5024, 63.2749, 79.4967

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.



73.1780, 73.6636, 88.0910



68.6586, 73.6636, 69.6313



69.2660, 73.6636, 92.3192

Square

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



68.6586, 73.6636, 69.6313



66.2177, 73.6636, 84.1811



71.3892, 73.6636, 91.8030



73.9548, 73.6636, 76.3602

Rectangle

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



68.6586, 73.6636, 69.6313



66.2441, 73.6636, 76.1520



71.3892, 73.6636, 91.8030



73.9265, 73.6636, 84.4038

Sweetspot

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



68.6606, 73.6668, 69.6329



94.2391, 99.6756, 104.6327



64.3181, 64.9797, 68.1850



20.1795, 21.3381, 22.4404



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.



68.6606, 73.6668, 69.6329



91.5704, 98.6079, 90.5881



66.0923, 72.3428, 69.5127



14.8714, 16.0294, 14.6170



33.3983, 40.2500, 6.0087



2.3151, 2.7900, 0.4165

Inverse Universe

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



61.5024, 63.2749, 79.4967



80.2176, 82.1266, 106.2318



63.9410, 64.5320, 79.6108



12.9524, 13.2435, 17.2613



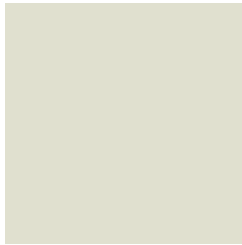
7.8321, 3.1329, 41.2403



0.5430, 0.2172, 2.8586

Previews

White Background



This preview shows how the XYZ color 68.6586, 73.6636, 69.6313 looks on a white background.

Color Contrast Check

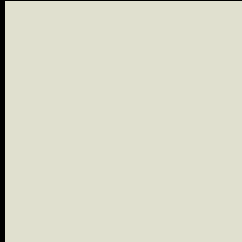
Large Text (above 18pt) WCAG AA × Fail

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 68.6586, 73.6636, 69.6313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

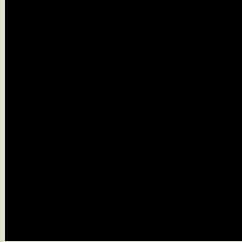
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

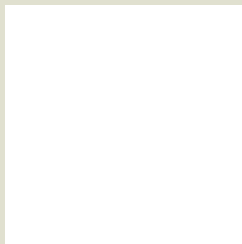
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6586, 73.6636, 69.6313

Background



This preview shows how black text looks on a background with the XYZ color 68.6586, 73.6636, 69.6313.

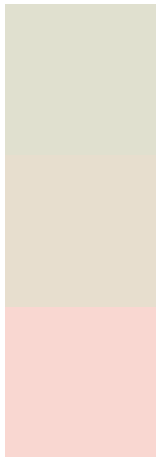


This preview shows how white text looks on a background with the XYZ color 68.6586, 73.6636, 69.6313.

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

68.6586, 73.6636, 69.6313

Protanopia

70.2169, 73.6877, 68.9148

Deuteranopia

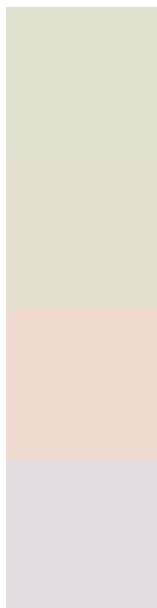
74.8760, 73.3441, 70.5320



Tritanopia

72.8742, 73.7948, 90.5237

Trichromacy



Original Color

68.6586, 73.6636, 69.6313

Protanomaly

69.5232, 73.7256, 68.9587

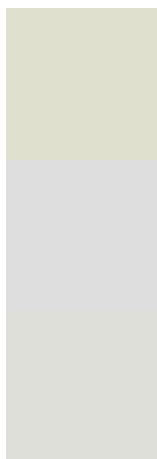
Deuteranomaly

72.3917, 73.2221, 69.9923

Tritanomaly

71.2625, 73.5348, 82.3892

Monochromacy



Original Color

68.6586, 73.6636, 69.6313

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3435, 73.4731, 76.1726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6586, 73.6636, 69.6313 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(224, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 207)  
}
```

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(224, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 207) }
```

Border

The CSS property to change the border of an element to XYZ 68.6586, 73.6636, 69.6313 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(224, 224, 207) }
```


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

```
.border{ border-color:rgb(224, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6586, 73.6636, 69.6313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 207) }
```

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

```
.background{ background-color: rgb(224,  
224, 207) }
```

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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