

Converting Colors

XYZ(68.3095, 73.0911, 63.3316)

Have a look what the booklet for
XYZ(68.3095, 73.0911, 63.3316)
contains.

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Color

**XYZ(68.4606, 73.3006,
63.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DFC5
RGB	228, 223, 197
RGB Percent	89%, 87%, 77%
CMY	0.1059, 0.1255, 0.2274
CMYK	0.00, 0.02, 0.14, 0.11
HSL	50°, 36%, 83%
HSV	50°, 14%, 89%
XYZ	68.4606, 73.3006, 63.3635
YIQ	221.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

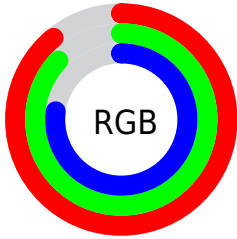
Format	Color
R _Y B	203, 228, 197
Decimal	14999493
CIE Lab	88.59, -2.62, 13.35
CIE LCh	89, 13.608, 101.118
Yxy	73.3006, 0.3338, 0.3573
Android (android.graphics.Color)	4293189573 (0xFFE4DFC5)
YUV	221.5310, -12.0938, 5.6733
Hunter-Lab	85.6158, -7.0943, 16.0510

Details

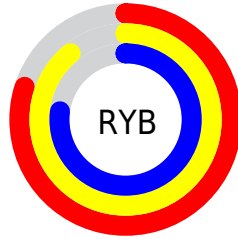
The XYZ color **68.4606, 73.3006, 63.3635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1498, 59.7115, 81.8599**, and the grayscale version is **69.1791, 72.7818, 79.2594**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.9738, 38.7591, 31.5718** is the 20% darker color. If you saturate the color by 10%, you get **65.0730, 70.3944, 50.3053**, and if you desaturate by 10%, it is **72.2686, 76.4139, 78.5130**.

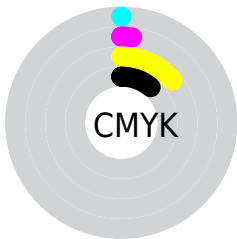
Distribution



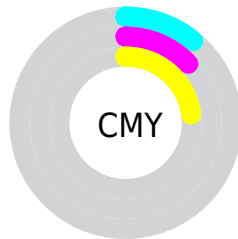
- Red (89%)
- Green (87%)
- Blue (77%)



- Red (80%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4606, 73.3006, 63.3635 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 68.4606, 73.3006, 63.3635 by changing the saturation by 10% instead.

68.4606, 73.3006,
63.3635

68.4606, 73.3006,
63.3635

444.4774,
472.0560, 455.0317

50.5476, 54.2218,
45.6925

116.0491,
123.9039, 111.2844

36.0683, 38.7790,
31.6563

146.4553,
156.1971, 142.3713

24.6573, 26.5879,
20.8365

181.7567,
193.6639, 178.7673

15.9493, 17.2639,
12.8144

222.3184,
236.6888, 220.8909

9.5789, 10.4228,
7.1717

268.5061,
285.6560, 269.1605

5.1808, 5.6802,
3.4896

320.6849,

2.3896, 2.6516,

340.9500, 323.9949

1.3498

379.2202,
402.9552, 385.8124

■ 0.8399, 0.9527,
0.1020

■ 0.0000, 0.0000,
0.0000

■ 68.4606, 73.3006,
63.3635

■ 68.4606, 73.3006,
63.3635

■ 65.0730, 70.3944,
50.3053

■ 72.2686, 76.4139,
78.5130

■ 62.0821, 67.6783,
39.2406

■ 76.5079, 79.7316,
95.8365

■ 59.4707, 65.1477,
30.0706

■ 79.4756, 82.5751,
106.3575

■ 57.2180, 62.7940,
22.6864

■ 80.5326, 84.6891,
106.7098

■ 55.3011, 60.6078,
16.9677

■ 81.6114, 86.8467,
107.0694

■ 53.6941, 58.5786,
12.7798

■ 82.7121, 89.0481,
107.4364

■ 52.3674, 56.6943,
9.9665

■ 83.8349, 91.2937,
107.8106

■ 51.2849, 54.9402,
8.3387

■ 84.9799, 93.5838,
108.1923

■ 50.6833, 53.8705,
7.7268

■ 85.8051, 95.2341,
108.4673

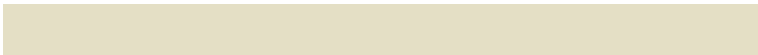
Harmonies

Analogous

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



71.7317, 73.3006, 63.9080



68.4606, 73.3006, 63.3635



65.6031, 73.3006, 66.9595

Triad

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



68.4606, 73.3006, 63.3635



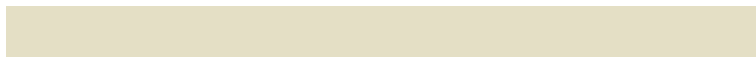
65.0245, 73.3006, 92.2928



75.8114, 73.3006, 85.8030

Complementary

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



68.4606, 73.3006, 63.3635



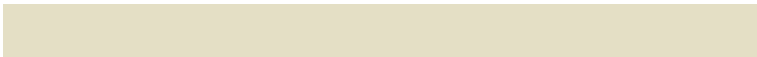
58.1498, 59.7115, 81.8599

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.



73.9016, 73.3006, 94.2119



68.4606, 73.3006, 63.3635



67.6482, 73.3006, 98.1570

Square

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



68.4606, 73.3006, 63.3635



63.6612, 73.3006, 83.3468



70.8936, 73.3006, 98.8857



76.0455, 73.3006, 76.3784

Rectangle

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



68.4606, 73.3006, 63.3635



64.2907, 73.3006, 71.3992



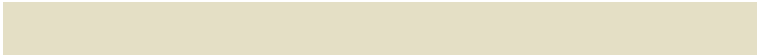
70.8936, 73.3006, 98.8857



75.3413, 73.3006, 88.8608

Sweetspot

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



68.4626, 73.3038, 63.3651



92.9288, 98.3162, 100.3053



62.6424, 60.6996, 64.3962



19.8074, 20.9770, 21.1344



0.0000, 0.0000, 0.0000



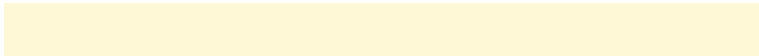
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4626, 73.3038, 63.3651



87.1017, 93.5223, 77.2132



66.6360, 74.3727, 63.6676



15.3935, 16.4009, 15.2588



29.3397, 31.2535, 4.4862



2.2212, 2.4158, 0.3492

Inverse Universe

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



58.1498, 59.7115, 81.8599



71.6368, 73.1399, 104.9495



59.7961, 58.8484, 81.6065



13.7695, 14.2603, 18.1711



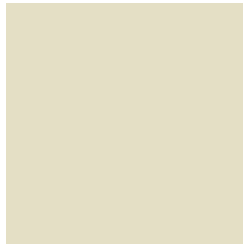
8.5197, 4.1016, 42.7258



0.6867, 0.4174, 3.1763

Previews

White Background



This preview shows how the XYZ color 68.4606, 73.3006, 63.3635 looks on a white background.

Color Contrast Check

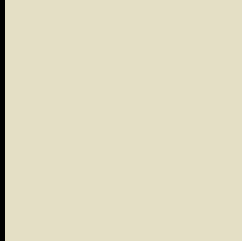
Large Text (above 18pt) WCAG AA × Fail

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 68.4606, 73.3006, 63.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

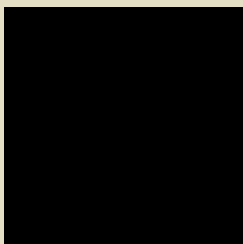
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

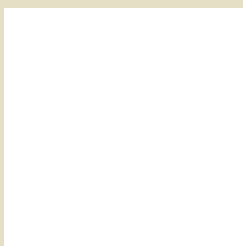
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4606, 73.3006, 63.3635

Background



This preview shows how black text looks on a background with the XYZ color 68.4606, 73.3006, 63.3635.



This preview shows how white text looks on a background with the XYZ color 68.4606, 73.3006, 63.3635.

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

68.4606, 73.3006, 63.3635

Protanopia

69.3638, 73.3839, 62.7332

Deuteranopia

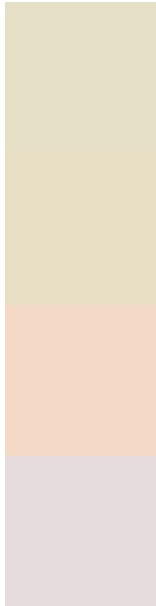
74.5003, 72.9121, 64.1797



Tritanopia

73.6711, 73.4646, 88.8945

Trichromacy



Original Color

68.4606, 73.3006, 63.3635

Protanomaly

69.0401, 73.2170, 62.7180

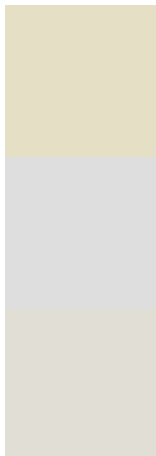
Deuteranomaly

71.9680, 72.7576, 63.6766

Tritanomaly

71.5993, 73.3958, 78.7997

Monochromacy



Original Color

68.4606, 73.3006, 63.3635

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.8720, 72.8939, 73.3908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4606, 73.3006, 63.3635 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(228, 223, 197) looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 197)  
}
```

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(228, 223, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 197) }
```

Border

The CSS property to change the border of an element to XYZ 68.4606, 73.3006, 63.3635 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(228, 223, 197) }
```


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

```
.border{ border-color:rgb(228, 223, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 223, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 223, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 223, 197); box-shadow:4px 4px 4px 4px rgb(228, 223, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4606, 73.3006, 63.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 197) }
```

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

```
.background{ background-color: rgb(228,  
223, 197) }
```

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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