

Converting Colors

XYZ(68.3631, 70.5269, 61.8810)

Have a look what the booklet for
XYZ(68.3631, 70.5269, 61.8810)
contains.

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Color

**XYZ(68.3379, 70.5443,
61.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD8C3
RGB	234, 216, 195
RGB Percent	92%, 85%, 76%
CMY	0.0823, 0.1529, 0.2353
CMYK	0.00, 0.08, 0.17, 0.08
HSL	32°, 48%, 84%
HSV	32°, 17%, 92%
XYZ	68.3379, 70.5443, 61.6444
YIQ	218.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

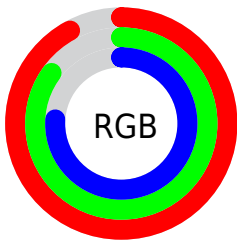
Format	Color
R _Y B	228, 234, 195
Decimal	15390915
CIE Lab	87.26, 2.83, 12.59
CIE LCh	87, 12.901, 77.323
Yxy	70.5443, 0.3408, 0.3518
Android (android.graphics.Color)	4293580995 (0xFFEAD8C3)
YUV	218.9880, -11.8261, 13.1655
Hunter-Lab	83.9907, -1.7494, 15.2779

Details

The XYZ color **68.3379, 70.5443, 61.6444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1509, 65.1298, 87.1908**, and the grayscale version is **67.3962, 70.9060, 77.2167**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **35.9127, 36.8778, 30.4246** is the 20% darker color. If you saturate the color by 10%, you get **63.2213, 64.2183, 47.8927**, and if you desaturate by 10%, it is **74.0547, 77.4061, 77.6434**.

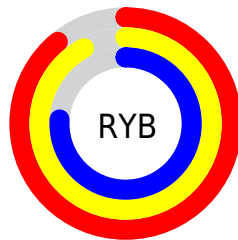
Distribution



Red (92%)

Green (85%)

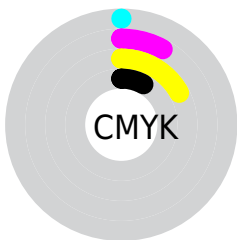
Blue (76%)



Red (89%)

Yellow (92%)

Blue (76%)

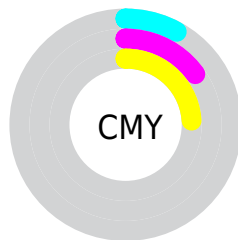


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3379, 70.5443, 61.6444 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 68.3379, 70.5443, 61.6444 by changing the saturation by 10% instead.

68.3379, 70.5443,
61.6444

68.3379, 70.5443,
61.6444

444.0503,
462.4588, 448.6046

50.4474, 51.9704,
44.3115

115.8747,
119.9846, 108.7780

35.9882, 36.9815,
30.5765

146.2516,
151.6199, 139.4158

24.5952, 25.1932,
20.0208

181.5214,
188.3776, 175.3257

15.9028, 16.2210,
12.2259

222.0493,
230.6424, 216.9261

9.5458, 9.6807,
6.7733

268.2008,
278.7985, 264.6357

5.1588, 5.1878,
3.2445

320.3413,

2.3765, 2.3578,

333.2303, 318.8729

1.2208

378.8360,
394.3223, 380.0564

■ 0.8334, 0.8041,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3379, 70.5443,
61.6444

■ 68.3379, 70.5443,
61.6444

■ 63.2213, 64.2183,
47.8927

■ 74.0547, 77.4061,
77.6434

■ 58.6766, 58.4039,
36.2812

■ 80.3875, 84.8081,
95.9812

■ 54.6813, 53.0889,
26.7008

■ 85.6717, 92.0922,
107.8679

■ 51.2090, 48.2568,
19.0308

■ 87.7419, 96.2326,
108.5580

■ 48.2308, 43.8901,
13.1376

■ 45.7144, 39.9693,
8.8700

■ 43.6222, 36.4730,
6.0511

■ 41.9078, 33.3759,
4.4574

■ 41.3963, 32.4213,
4.0761

Harmonies

Analogous

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



71.0806, 70.5443, 65.1770



68.3379, 70.5443, 61.6444



65.3291, 70.5443, 61.9475

Triad

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



68.3379, 70.5443, 61.6444



61.6369, 70.5443, 81.8908



71.4287, 70.5443, 88.6948

Complementary

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



68.3379, 70.5443, 61.6444



61.1509, 65.1298, 87.1908

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.



68.8013, 70.5443, 93.8795



68.3379, 70.5443, 61.6444



63.1751, 70.5443, 89.7525

Square

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



68.3379, 70.5443, 61.6444



61.5213, 70.5443, 73.2043



65.7789, 70.5443, 94.2805



72.9009, 70.5443, 80.5337

Rectangle

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



68.3379, 70.5443, 61.6444



63.5769, 70.5443, 64.2825



65.7789, 70.5443, 94.2805



70.6478, 70.5443, 90.8693

Sweetspot

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



68.3398, 70.5474, 61.6459



91.2164, 95.5095, 97.8290



65.4832, 61.3379, 71.4729



19.4120, 20.3108, 20.6189



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.



68.3398, 70.5474, 61.6459



80.8460, 83.0335, 68.8928



72.7802, 80.0596, 63.2479



15.7375, 16.3979, 15.8544



23.3897, 18.4737, 2.3330



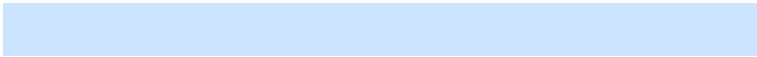
1.9328, 1.6428, 0.2152

Inverse Universe

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



61.1509, 65.1298, 87.1908



70.5668, 75.2873, 105.4204



57.2104, 56.7478, 85.7806



14.8040, 15.6944, 19.1713



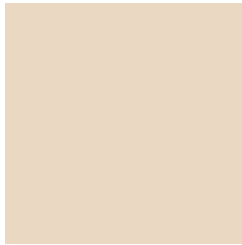
11.4804, 9.6078, 44.9924



0.9968, 0.9450, 3.5647

Previews

White Background



This preview shows how the XYZ color 68.3379, 70.5443, 61.6444 looks on a white background.

Color Contrast Check

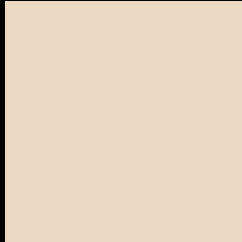
Large Text (above 18pt) WCAG AA × Fail

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 68.3379, 70.5443, 61.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

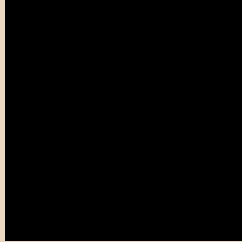
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3379, 70.5443, 61.6444

Background



This preview shows how black text looks on a background with the XYZ color 68.3379, 70.5443, 61.6444.



This preview shows how white text looks on a background with the XYZ color 68.3379, 70.5443,

61.6444.

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

68.3379, 70.5443, 61.6444

Protanopia

67.0301, 70.6223, 62.3232

Deuteranopia

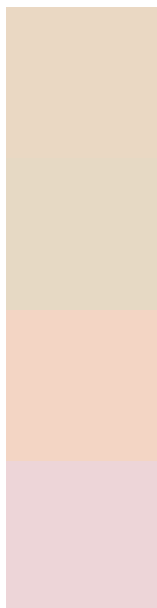
71.9695, 70.5305, 62.0451



Tritanopia

72.5578, 70.3671, 83.1568

Trichromacy



Original Color

68.3379, 70.5443, 61.6444

Protanomaly

67.4098, 70.4342, 62.2668

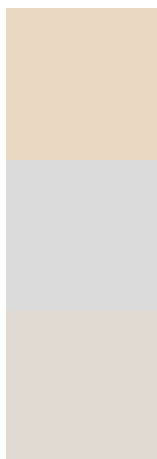
Deuteranomaly

70.7202, 70.6287, 62.1299

Tritanomaly

71.1140, 70.5509, 74.8353

Monochromacy



Original Color

68.3379, 70.5443, 61.6444

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.4447, 70.6432, 71.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3379, 70.5443, 61.6444 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(234, 216, 195) looks like.

```
.text, #text, p{  
    color:rgb(234, 216, 195)  
}
```

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(234, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 216, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.3379, 70.5443, 61.6444 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(234, 216, 195) }
```


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

```
.border{ border-color:rgb(234, 216, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 216,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3379, 70.5443, 61.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 216, 195) }
```

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

```
.background{ background-color: rgb(234,  
216, 195) }
```

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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