

Converting Colors

XYZ(68.4489, 72.0615, 65.5599)

Have a look what the booklet for
XYZ(68.4489, 72.0615, 65.5599)
contains.

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Color

**XYZ(68.4489, 72.0615,
65.5599)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DCC9
RGB	229, 220, 201
RGB Percent	90%, 86%, 79%
CMY	0.1020, 0.1372, 0.2118
CMYK	0.00, 0.04, 0.12, 0.10
HSL	41°, 35%, 84%
HSV	41°, 12%, 90%
XYZ	68.4489, 72.0615, 65.5599
YIQ	220.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

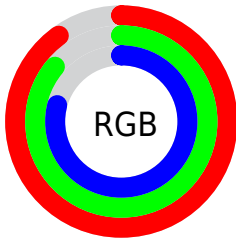
Format	Color
R _Y B	214, 229, 201
Decimal	15064265
CIE Lab	88.00, -0.09, 10.42
CIE LCh	88, 10.423, 90.520
Yxy	72.0615, 0.3322, 0.3497
Android (android.graphics.Color)	4293254345 (0xFFE5DCC9)
YUV	220.5250, -9.6258, 7.4326
Hunter-Lab	84.8890, -4.6253, 13.6326

Details

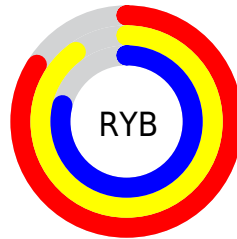
The XYZ color **68.4489, 72.0615, 65.5599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2766, 64.1664, 83.2851**, and the grayscale version is **68.4557, 72.0207, 78.4305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9552, 37.9011, 33.0244** is the 20% darker color. If you saturate the color by 10%, you get **64.0654, 67.2886, 51.7843**, and if you desaturate by 10%, it is **73.3229, 77.1714, 81.4821**.

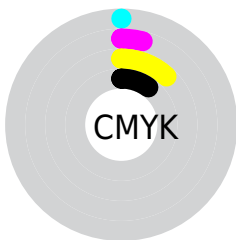
Distribution



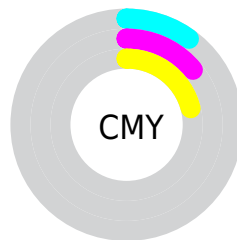
- Red (90%)
- Green (86%)
- Blue (79%)



- Red (84%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4489, 72.0615, 65.5599 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 68.4489, 72.0615, 65.5599 by changing the saturation by 10% instead.

68.4489, 72.0615,
65.5599

68.4489, 72.0615,
65.5599

444.4367,
467.7556, 463.1625

50.5380, 53.2089,
47.4610

116.0325,
122.1440, 114.4754

36.0606, 37.9696,
33.0433

146.4359,
154.1426, 146.1291

24.6514, 25.9591,
21.8882

181.7342,
191.2921, 183.1381

15.9448, 16.7930,
13.5773

222.2928,
233.9768, 225.9211

9.5757, 10.0870,
7.6919

268.4770,
282.5811, 274.8964

5.1787, 5.4567,
3.8135

320.6521,

2.3883, 2.5176,

337.4894, 330.4827

1.5236

379.1836,
399.0861, 393.0986

■ 0.8393, 0.8854,
0.2354

■ 0.0000, 0.0000,
0.0000

■ 68.4489, 72.0615,
65.5599

■ 68.4489, 72.0615,
65.5599

■ 64.0654, 67.2886,
51.7843

■ 73.3229, 77.1714,
81.4821

■ 60.1479, 62.8339,
40.0571

■ 78.6994, 82.6175,
99.6342

■ 56.6781, 58.6908,
30.2793

■ 82.1383, 87.4279,
107.1539

■ 53.6342, 54.8488,
22.3416

■ 84.3732, 91.8977,
107.8988

■ 50.9925, 51.2964,
16.1239

■ 86.1234, 95.3981,
108.4822

■ 48.7262, 48.0212,
11.4921

■ 46.8049, 45.0091,
8.2913

■ 45.1921, 42.2435,
6.3357

■ 44.1067, 40.2448,
5.4433

Harmonies

Analogous

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



70.8705, 72.0615, 67.1436



68.4489, 72.0615, 65.5599



66.0944, 72.0615, 67.2557

Triad

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



68.4489, 72.0615, 65.5599



64.4583, 72.0615, 85.6189



72.7363, 72.0615, 85.3909

Complementary

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



68.4489, 72.0615, 65.5599



61.2766, 64.1664, 83.2851

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.



70.9475, 72.0615, 90.8503



68.4489, 72.0615, 65.5599



66.1679, 72.0615, 90.9875

Square

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



68.4489, 72.0615, 65.5599



63.8249, 72.0615, 78.5871



68.5357, 72.0615, 92.9563



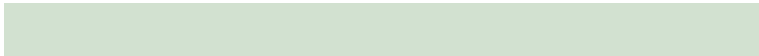
73.3819, 72.0615, 78.3385

Rectangle

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



68.4489, 72.0615, 65.5599



64.8703, 72.0615, 70.0804



68.5357, 72.0615, 92.9563



72.2467, 72.0615, 87.4881

Sweetspot

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



68.4509, 72.0647, 65.5614



92.4144, 97.2874, 100.1338



64.8750, 63.1020, 69.9522



19.6769, 20.7160, 21.0909



0.0000, 0.0000, 0.0000



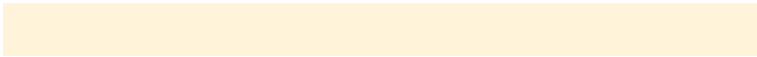
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4509, 72.0647, 65.5614



85.6963, 90.1855, 78.3662



69.4065, 76.1569, 66.3010



15.1908, 15.9955, 15.1912



25.3312, 23.2366, 3.1500



1.9550, 1.8834, 0.2605

Inverse Universe

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



61.2766, 64.1664, 83.2851



74.6209, 77.9932, 105.7290



60.3915, 60.5056, 82.6251



13.9589, 14.6393, 18.2343



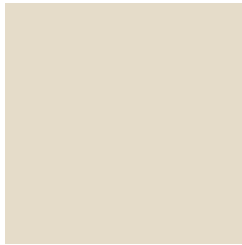
9.5664, 6.1950, 43.0747



0.7886, 0.6211, 3.2103

Previews

White Background



This preview shows how the XYZ color 68.4489, 72.0615, 65.5599 looks on a white background.

Color Contrast Check

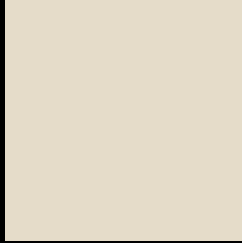
Large Text (above 18pt) WCAG AA × Fail

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 68.4489, 72.0615, 65.5599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

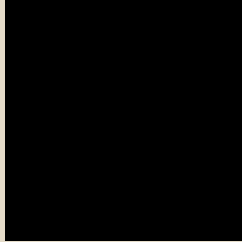
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4489, 72.0615, 65.5599

Background



This preview shows how black text looks on a background with the XYZ color 68.4489, 72.0615, 65.5599.

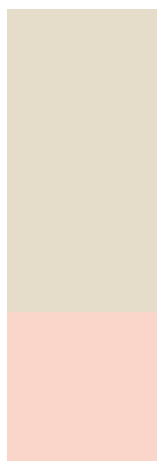


This preview shows how white text looks on a background with the XYZ color 68.4489, 72.0615,

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

68.4489, 72.0615, 65.5599

Protanopia

68.4489, 72.0615, 65.5599

Deuteranopia

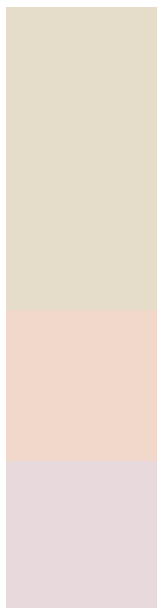
73.5218, 71.9925, 65.8980



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

68.4489, 72.0615, 65.5599

Protanomaly

68.4489, 72.0615, 65.5599

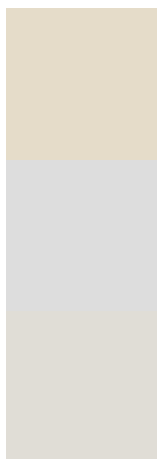
Deuteranomaly

71.8345, 72.2532, 66.0373

Tritanomaly

71.1427, 72.0020, 78.5548

Monochromacy



Original Color

68.4489, 72.0615, 65.5599

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7345, 72.4152, 73.9732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4489, 72.0615, 65.5599 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(229, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 201)  
}
```

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(229, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 201) }
```

Border

The CSS property to change the border of an element to XYZ 68.4489, 72.0615, 65.5599 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(229, 220, 201) }
```


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

```
.border{ border-color:rgb(229, 220, 201) }
```

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

Here you see how a box with a 4 pixel rgb(229, 220, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4489, 72.0615, 65.5599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 201) }
```

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

```
.background{ background-color: rgb(229,  
220, 201) }
```

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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