

Converting Colors

XYZ(68.4494, 72.5643, 58.6840)

Have a look what the booklet for
XYZ(68.4494, 72.5643, 58.6840)
contains.

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Color

**XYZ(68.3205, 72.5428,
58.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DDBD
RGB	232, 221, 189
RGB Percent	91%, 87%, 74%
CMY	0.0902, 0.1333, 0.2588
CMYK	0.00, 0.05, 0.19, 0.09
HSL	45°, 48%, 83%
HSV	45°, 19%, 91%
XYZ	68.3205, 72.5428, 58.5454
YIQ	220.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

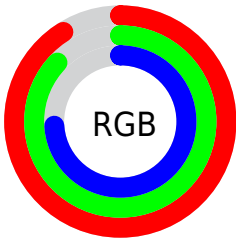
Format	Color
RYB	204, 232, 189
Decimal	15261117
CIELab	88.23, -1.37, 17.07
CIELCh	88, 17.128, 94.591
Yxy	72.5428, 0.3426, 0.3638
Android (android.graphics.Color)	4293451197 (0xFFE8DDBD)
YUV	220.6410, -15.5990, 9.9618
Hunter-Lab	85.1721, -5.8679, 18.8658

Details

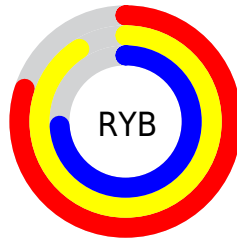
The XYZ color **68.3205, 72.5428, 58.5454** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.2059, 57.9524, 84.5681**, and the grayscale version is **68.5747, 72.1460, 78.5670**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **35.9846, 38.2801, 28.7848** is the 20% darker color. If you saturate the color by 10%, you get **64.4628, 68.5400, 45.8131**, and if you desaturate by 10%, it is **72.6403, 76.8239, 73.4209**.

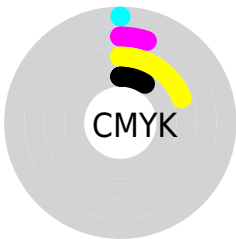
Distribution



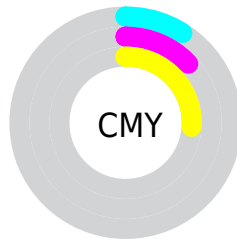
- Red (91%)
- Green (87%)
- Blue (74%)



- Red (80%)
- Yellow (91%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3205, 72.5428, 58.5454 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 68.3205, 72.5428, 58.5454 by changing the saturation by 10% instead.

68.3205, 72.5428,
58.5454

68.3205, 72.5428,
58.5454

443.9897,
469.4287, 436.8700

50.4331, 53.6022,
41.8297

115.8499,
122.8279, 104.2393

35.9769, 38.2837,
28.6434

146.2227,
154.9413, 134.0545

24.5864, 26.2030,
18.5679

181.4880,
192.2143, 169.0733

15.8962, 16.9755,
11.1849

222.0112,
235.0314, 209.7143

9.5411, 10.2171,
6.0756

268.1575,
283.7770, 256.3959

5.1557, 5.5431,
2.8216

320.2925,

2.3746, 2.5693,

338.8355, 309.5367

1.0043

378.7815,
400.5913, 369.5552

■ 0.8324, 0.9113,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3205, 72.5428,
58.5454

■ 68.3205, 72.5428,
58.5454

■ 64.4628, 68.5400,
45.8131

■ 72.6403, 76.8239,
73.4209

■ 61.0418, 64.7971,
35.1185

■ 77.4348, 81.3819,
90.5291

■ 58.0381, 61.3079,
26.3541

■ 82.1378, 85.9936,
106.8770

■ 55.4286, 58.0621,
19.4007

■ 83.9014, 89.5208,
107.4649

■ 53.1874, 55.0486,
14.1257

■ 85.7225, 93.1630,
108.0719

■ 51.2855, 52.2547,
10.3783

■ 87.0890, 95.8959,
108.5274

■ 49.6884, 49.6656,
7.9804

■ 48.3461, 47.2604,
6.6717

■ 48.1606, 46.9191,
6.5180

Harmonies

Analogous

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



72.3891, 72.5428, 60.2925



68.3205, 72.5428, 58.5454



64.5690, 72.5428, 61.8149

Triad

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



68.3205, 72.5428, 58.5454



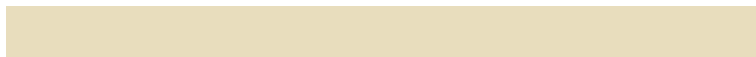
62.6594, 72.5428, 92.5148



76.3210, 72.5428, 89.0792

Complementary

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



68.3205, 72.5428, 58.5454



56.2059, 57.9524, 84.5681

Split Complementary

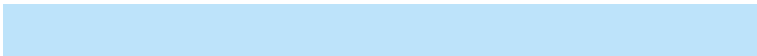
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5243, 72.5428, 99.0763



68.3205, 72.5428, 58.5454



65.6211, 72.5428, 101.1936

Square

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



68.3205, 72.5428, 58.5454



61.3840, 72.5428, 80.8083



69.5829, 72.5428, 103.7057



77.1130, 72.5428, 77.1929

Rectangle

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



68.3205, 72.5428, 58.5454



62.7200, 72.5428, 66.6102



69.5829, 72.5428, 103.7057



75.5789, 72.5428, 92.8087

Sweetspot

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



68.3224, 72.5460, 58.5469



91.4482, 96.5826, 96.0271



61.9571, 57.7440, 62.8111



19.4926, 20.5947, 20.2670



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.



68.3224, 72.5460, 58.5469



82.8904, 88.0853, 66.6053



68.1567, 76.9124, 59.3985



15.2733, 16.1604, 15.2187



26.8429, 26.2599, 3.6539



2.0570, 2.0874, 0.2945

Inverse Universe

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



56.2059, 57.9524, 84.5681



65.4326, 67.0604, 104.1030



56.3260, 54.3691, 83.8701



13.8809, 14.4832, 18.2083



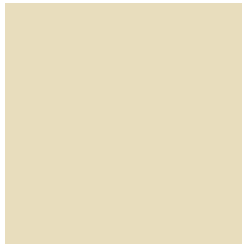
9.0493, 5.1608, 42.9023



0.7420, 0.5279, 3.1948

Previews

White Background



This preview shows how the XYZ color 68.3205, 72.5428, 58.5454 looks on a white background.

Color Contrast Check

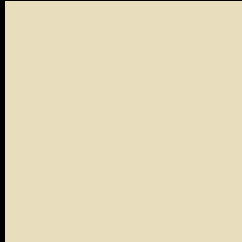
Large Text (above 18pt) WCAG AA × Fail

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 68.3205, 72.5428, 58.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

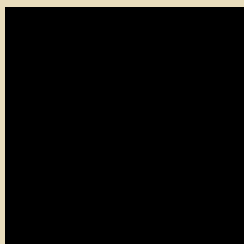
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3205, 72.5428, 58.5454

Background



This preview shows how black text looks on a background with the XYZ color 68.3205, 72.5428, 58.5454.

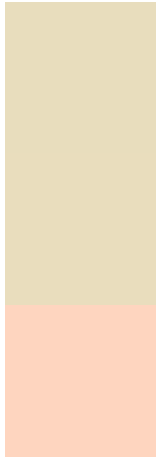


This preview shows how white text looks on a background with the XYZ color 68.3205, 72.5428,

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

68.3205, 72.5428, 58.5454

Protanopia

68.6460, 72.7107, 58.5606

Deuteranopia

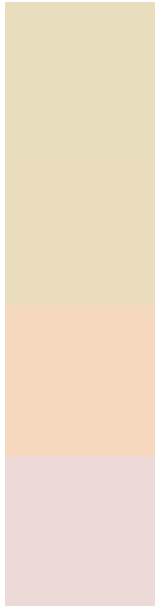
74.0713, 72.4209, 59.3649



Tritanopia

74.1258, 72.6042, 86.4511

Trichromacy



Original Color

68.3205, 72.5428, 58.5454

Protanomaly

68.6460, 72.7107, 58.5606

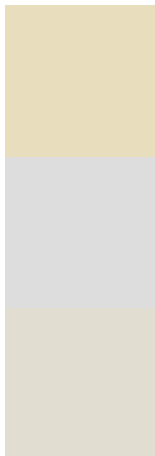
Deuteranomaly

71.8562, 72.4223, 58.9069

Tritanomaly

71.7996, 72.4164, 75.1593

Monochromacy



Original Color

68.3205, 72.5428, 58.5454

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.4164, 72.3239, 70.6756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3205, 72.5428, 58.5454 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(232, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 189)  
}
```

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(232, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.3205, 72.5428, 58.5454 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(232, 221, 189) }
```


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

```
.border{ border-color:rgb(232, 221, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 189);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3205, 72.5428, 58.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 189) }
```

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

```
.background{ background-color: rgb(232,  
221, 189) }
```

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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