

Converting Colors

XYZ(67.6246, 72.5322, 42.7837)

Have a look what the booklet for
XYZ(67.6246, 72.5322, 42.7837)
contains.

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Color

**XYZ(67.6246, 72.5322,
42.7837)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDD9E
RGB	239, 221, 158
RGB Percent	94%, 87%, 62%
CMY	0.0627, 0.1333, 0.3804
CMYK	0.00, 0.08, 0.34, 0.06
HSL	47°, 72%, 78%
HSV	47°, 34%, 94%
XYZ	67.6246, 72.5322, 42.7837
YIQ	219.2000, 30.9510, -15.7770

Conversions

Conversions Part 2

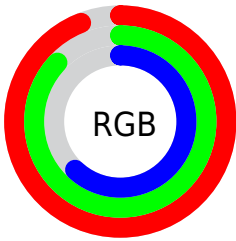
Format	Color
R _Y B	181, 239, 158
Decimal	15719838
CIE Lab	88.22, -2.87, 33.21
CIE LCh	88, 33.333, 94.948
Yxy	72.5322, 0.3697, 0.3965
Android (android.graphics.Color)	4293909918 (0xFFEFDD9E)
YUV	219.2000, -30.1716, 17.3646
Hunter-Lab	85.1658, -7.3051, 29.8313

Details

The XYZ color **67.6246, 72.5322, 42.7837** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2056, 44.5506, 87.8780**, and the grayscale version is **67.6602, 71.1838, 77.5191**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **35.5291, 38.2581, 19.1476** is the 20% darker color. If you saturate the color by 10%, you get **64.3850, 69.0312, 32.5225**, and if you desaturate by 10%, it is **71.3123, 76.2886, 55.1696**.

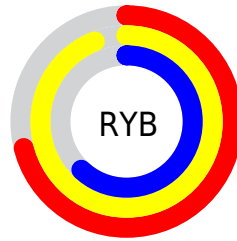
Distribution



Red (94%)

Green (87%)

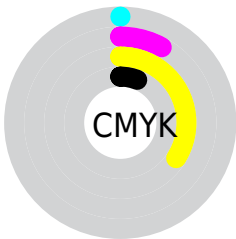
Blue (62%)



Red (71%)

Yellow (94%)

Blue (62%)

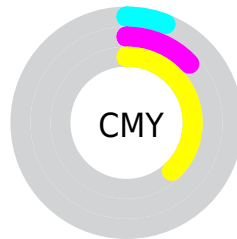


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6246, 72.5322, 42.7837 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 67.6246, 72.5322, 42.7837 by changing the saturation by 10% instead.

67.6246, 72.5322,
42.7837

67.6246, 72.5322,
42.7837

441.5624,
469.3919, 373.6165

49.8650, 53.5935,
29.3853

114.8598,
122.8129, 80.6672

35.5235, 38.2768,
19.1244

145.0661,
154.9237, 105.9894

24.2348, 26.1976,
11.5825

180.1519,
192.1940, 136.1232

15.6336, 16.9715,
6.3410

220.4827,
235.0082, 171.4873

9.3544, 10.2142,
2.9814

266.4238,
283.7507, 212.5001

5.0320, 5.5412,
1.0851

318.3406,

2.3010, 2.5682,

338.8059, 259.5802

0.0000

376.5983,
400.5581, 313.1462

■ 0.7952, 0.9107,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6246, 72.5322,
42.7837

■ 67.6246, 72.5322,
42.7837

■ 64.3850, 69.0312,
32.5225

■ 71.3123, 76.2886,
55.1696

■ 61.5644, 65.7655,
24.2588

■ 75.4644, 80.2997,
69.7886

■ 59.1384, 62.7272,
17.8587

■ 80.1030, 84.5777,
86.7471

■ 57.0778, 59.9041,
13.1698

■ 85.2472, 89.1307,
106.1433

■ 55.3486, 57.2819,
10.0158

■ 87.0770, 92.4314,
107.8593

■ 53.9097, 54.8434,
8.1817

■ 88.7287, 95.7349,
108.4099

■ 53.1355, 53.4285,
7.5122

■ 89.4066, 97.0907,
108.6359

Harmonies

Analogous

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



75.6439, 72.5322, 45.4771



67.6246, 72.5322, 42.7837



60.5176, 72.5322, 48.1515

Triad

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



67.6246, 72.5322, 42.7837



57.1108, 72.5322, 106.9200



83.7969, 72.5322, 99.0849

Complementary

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



67.6246, 72.5322, 42.7837



45.2056, 44.5506, 87.8780

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.



78.1090, 72.5322, 120.7533



67.6246, 72.5322, 42.7837



62.6437, 72.5322, 125.8543

Square

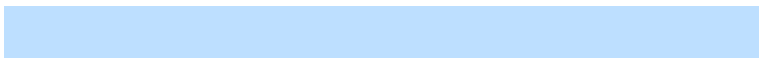
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6246, 72.5322, 42.7837



54.7536, 72.5322, 82.8267



70.2717, 72.5322, 131.3498



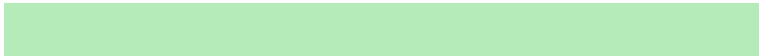
85.3860, 72.5322, 75.2451

Rectangle

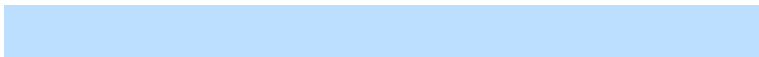
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6246, 72.5322, 42.7837



57.1250, 72.5322, 56.3282



70.2717, 72.5322, 131.3498



82.2805, 72.5322, 107.0002

Sweetspot

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



67.6264, 72.5355, 42.7852



89.4321, 94.9038, 88.1000



55.7499, 45.9756, 47.4795



18.9832, 20.1655, 18.2795



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.



67.6264, 72.5355, 42.7852



75.5743, 81.0624, 40.7079



65.7728, 79.0150, 44.1336



16.8077, 17.8285, 16.7051



29.4658, 29.7296, 4.1854



2.5237, 2.6181, 0.3723

Inverse Universe

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



45.2056, 44.5506, 87.8780



45.7842, 43.8940, 100.6670



46.5370, 40.3420, 86.9955



15.1820, 15.7982, 19.9708



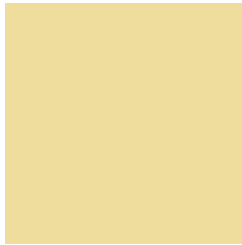
9.3955, 5.0152, 45.6007



0.8534, 0.5608, 3.8175

Previews

White Background



This preview shows how the XYZ color 67.6246, 72.5322, 42.7837 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 67.6246, 72.5322, 42.7837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

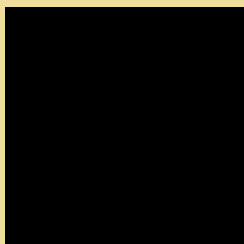
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

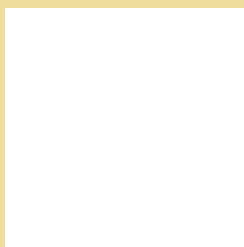
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6246, 72.5322, 42.7837

Background



This preview shows how black text looks on a background with the XYZ color 67.6246, 72.5322, 42.7837.

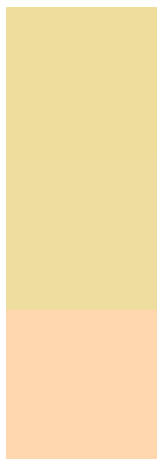


This preview shows how white text looks on a background with the XYZ color 67.6246, 72.5322,

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

67.6246, 72.5322, 42.7837

Protanopia

67.2879, 72.3587, 42.7679

Deuteranopia

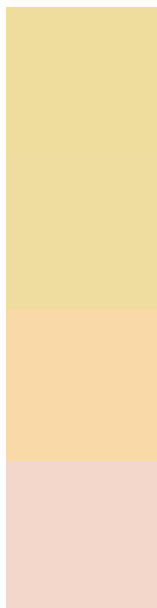
72.9265, 72.4091, 50.1771



Tritanopia

75.9048, 72.4626, 83.3848

Trichromacy



Original Color

67.6246, 72.5322, 42.7837

Protanomaly

67.2879, 72.3587, 42.7679

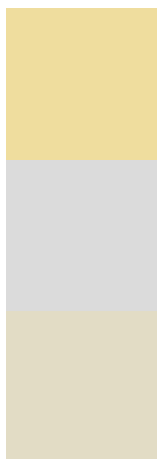
Deuteranomaly

70.9477, 72.5926, 47.3182

Tritanomaly

72.3882, 72.1458, 66.6102

Monochromacy



Original Color

67.6246, 72.5322, 42.7837

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0353, 71.3864, 63.0691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6246, 72.5322, 42.7837 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(239, 221, 158)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 158)  
}
```

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(239, 221, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 158) }
```

Border

The CSS property to change the border of an element to XYZ 67.6246, 72.5322, 42.7837 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(239, 221, 158) }
```


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

```
.border{ border-color:rgb(239, 221, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 221, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 158);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6246, 72.5322, 42.7837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 158) }
```

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

```
.background{ background-color: rgb(239,  
221, 158) }
```

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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