

Converting Colors

XYZ(67.6208, 74.3386, 57.4761)

Have a look what the booklet for
XYZ(67.6208, 74.3386, 57.4761)
contains.

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Color

**XYZ(67.4233, 74.1066,
57.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2BA
RGB	226, 226, 186
RGB Percent	89%, 89%, 73%
CMY	0.1137, 0.1137, 0.2706
CMYK	0.00, 0.00, 0.18, 0.11
HSL	60°, 41%, 81%
HSV	60°, 18%, 89%
XYZ	67.4233, 74.1066, 57.2048
YIQ	221.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

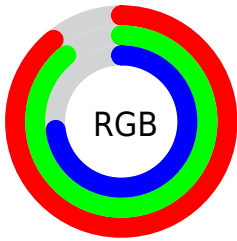
Format	Color
R _Y B	186, 226, 186
Decimal	14869178
CIE Lab	88.97, -6.55, 19.61
CIE LCh	89, 20.670, 108.462
Yxy	74.1066, 0.3393, 0.3729
Android (android.graphics.Color)	4293059258 (0xFFE2E2BA)
YUV	221.4400, -17.4719, 3.9991
Hunter-Lab	86.0852, -10.8450, 20.8606

Details

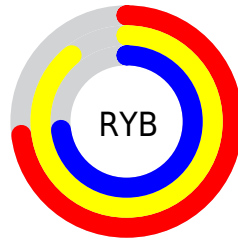
The XYZ color **67.4233, 74.1066, 57.2048** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5389, 51.0499, 79.0928**, and the grayscale version is **69.1509, 72.7521, 79.2270**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **35.3741, 39.3653, 27.9242** is the 20% darker color. If you saturate the color by 10%, you get **65.2081, 73.2229, 45.5358**, and if you desaturate by 10%, it is **70.0225, 75.1489, 70.8785**.

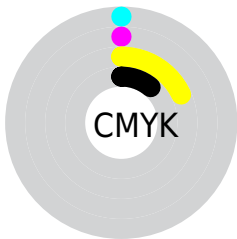
Distribution



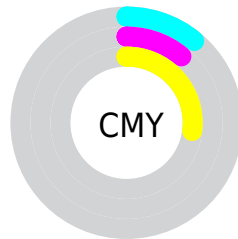
- Red (89%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4233, 74.1066, 57.2048 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 67.4233, 74.1066, 57.2048 by changing the saturation by 10% instead.

67.4233, 74.1066,
57.2048

67.4233, 74.1066,
57.2048

440.8589,
474.8412, 431.7315

49.7007, 54.8813,
40.7592

114.5732,
125.0469, 102.2673

35.3924, 39.3067,
27.8127

144.7312,
157.5307, 131.7212

24.1333, 26.9984,
17.9467

179.7650,
195.2028, 166.3484

15.5578, 17.5720,
10.7427

220.0400,
238.4475, 206.5674

9.3006, 10.6432,
5.7821

265.9215,
287.6493, 252.7966

4.9965, 5.8274,
2.6464

317.7749,

2.2799, 2.7404,

343.1926, 305.4547

0.9163

375.9656,
405.4618, 364.9601

■ 0.7844, 0.9978,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4233, 74.1066,
57.2048

■ 67.4233, 74.1066,
57.2048

■ 65.2081, 73.2229,
45.5358

■ 70.0225, 75.1489,
70.8785

■ 63.3533, 72.4809,
35.7728


■ 73.0164, 76.3465,
86.6397


■ 61.8414, 71.8760,
27.8161


■ 76.4227, 77.7092,
104.5726


■ 60.6516, 71.4000,
21.5548


■ 76.6156, 77.7864,
105.5839


 59.7603, 71.0434,
16.8662


 76.6165, 77.7869,
105.5840


 59.1412, 70.7957,
13.6107


 76.6174, 77.7873,
105.5840


 58.7632, 70.6443,
11.6245

 76.6183, 77.7878,
105.5841

 58.5836, 70.5724,
10.6834

 76.6191, 77.7882,
105.5841

 58.5549, 70.5609,
10.5334

 76.6200, 77.7887,
105.5842

Harmonies

Analogous

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



72.3846, 74.1066, 56.5206



67.4233, 74.1066, 57.2048



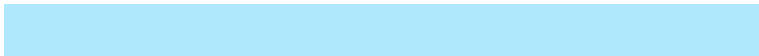
63.4550, 74.1066, 63.7104

Triad

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



67.4233, 74.1066, 57.2048



64.2269, 74.1066, 103.2018



80.3237, 74.1066, 86.3466

Complementary

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



67.4233, 74.1066, 57.2048



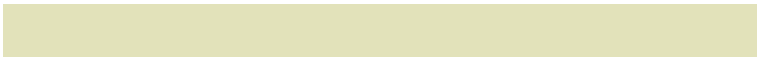
51.5389, 51.0499, 79.0928

Split Complementary

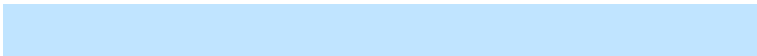
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9114, 74.1066, 100.4452



67.4233, 74.1066, 57.2048



68.5228, 74.1066, 110.9203

Square

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



67.4233, 74.1066, 57.2048



61.6709, 74.1066, 89.7644



73.5373, 74.1066, 109.8555



79.9948, 74.1066, 72.2478

Rectangle

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



67.4233, 74.1066, 57.2048



61.8333, 74.1066, 70.9597



73.5373, 74.1066, 109.8555



79.8020, 74.1066, 91.2703

Sweetspot

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



67.4253, 74.1099, 57.2064



93.0640, 99.2055, 98.4450



57.7882, 54.8335, 53.9936



19.8621, 21.2111, 20.7689



0.0000, 0.0000, 0.0000



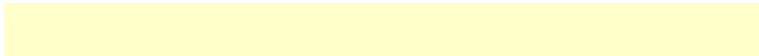
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4253, 74.1099, 57.2064



87.5932, 97.0170, 69.6458



61.5157, 71.0634, 56.9298



14.8716, 16.0295, 14.6170



33.4038, 40.2528, 6.0090



2.3154, 2.7901, 0.4165

Inverse Universe

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



51.5389, 51.0499, 79.0928



63.2520, 61.6843, 103.1803



56.7422, 53.7323, 79.3363



12.9523, 13.2434, 17.2613



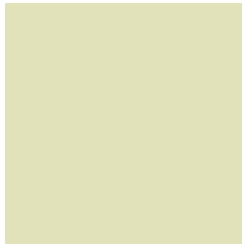
7.8318, 3.1328, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 67.4233, 74.1066, 57.2048 looks on a white background.

Color Contrast Check

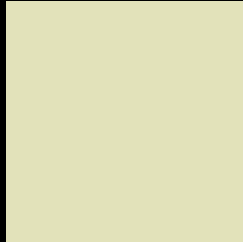
Large Text (above 18pt) WCAG AA × Fail

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 67.4233, 74.1066, 57.2048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

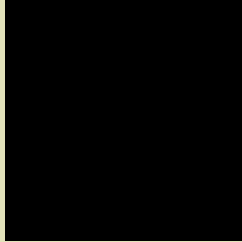
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

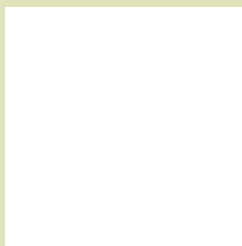
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4233, 74.1066, 57.2048

Background



This preview shows how black text looks on a background with the XYZ color 67.4233, 74.1066, 57.2048.



This preview shows how white text looks on a background with the XYZ color 67.4233, 74.1066,

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

67.4233, 74.1066, 57.2048

Protanopia

69.6315, 74.0689, 55.9742

Deuteranopia

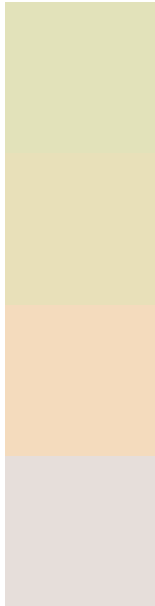
74.9444, 73.6225, 59.5508



Tritanopia

74.0761, 74.0428, 89.7443

Trichromacy



Original Color

67.4233, 74.1066, 57.2048

Protanomaly

68.6913, 73.9699, 56.5561

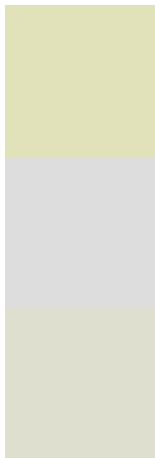
Deuteranomaly

71.8251, 73.5703, 58.5590

Tritanomaly

71.4093, 74.1275, 76.8740

Monochromacy



Original Color

67.4233, 74.1066, 57.2048

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2043, 73.0174, 70.1735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4233, 74.1066, 57.2048 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(226, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 186)  
}
```

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(226, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 186) }
```

Border

The CSS property to change the border of an element to XYZ 67.4233, 74.1066, 57.2048 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(226, 226, 186) }
```


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

```
.border{ border-color:rgb(226, 226, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 186); box-shadow:4px 4px 4px 4px rgb(226, 226, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4233, 74.1066, 57.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 186) }
```

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

```
.background{ background-color: rgb(226,  
226, 186) }
```

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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