

Converting Colors

XYZ(68.2874, 74.7067, 68.0937)

Have a look what the booklet for
XYZ(68.2874, 74.7067, 68.0937)
contains.

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Color

**XYZ(68.1870, 74.6700,
67.9456)**

Conversions

Conversions Part 1	
Format	Color
Hex	DDE3CC
RGB	221, 227, 204
RGB Percent	87%, 89%, 80%
CMY	0.1333, 0.1098, 0.2000
CMYK	0.03, 0.00, 0.10, 0.11
HSL	76°, 29%, 85%
HSV	76°, 10%, 89%
XYZ	68.1870, 74.6700, 67.9456
YIQ	222.5840, 3.8070, -8.4250

Conversions

Conversions Part 2

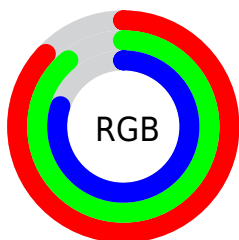
Format	Color
RYB	204, 227, 210
Decimal	14541772
CIELab	89.24, -6.01, 10.54
CIELCh	89, 12.131, 119.708
Yxy	74.6700, 0.3235, 0.3542
Android (android.graphics.Color)	4292731852 (0xFFDDE3CC)
YUV	222.5840, -9.1619, -1.3892
Hunter-Lab	86.4118, -10.3675, 13.8685

Details

The XYZ color **68.1870, 74.6700, 67.9456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0392, 62.4354, 81.4585**, and the grayscale version is **69.9069, 73.5475, 80.0933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9834, 39.8140, 34.6425** is the 20% darker color. If you saturate the color by 10%, you get **63.8887, 72.7484, 54.5528**, and if you desaturate by 10%, it is **72.9500, 76.7897, 83.4348**.

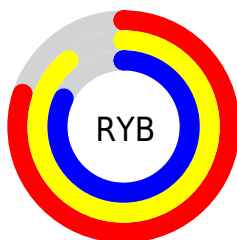
Distribution



Red (87%)

Green (89%)

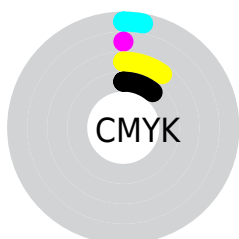
Blue (80%)



Red (80%)

Yellow (89%)

Blue (82%)

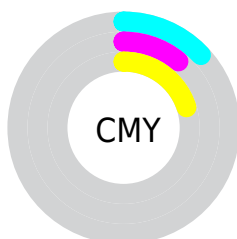


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (13%)


Magenta (11%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1870, 74.6700, 67.9456 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 68.1870, 74.6700, 67.9456 by changing the saturation by 10% instead.


 68.1870, 74.6700,
67.9456

 68.1870, 74.6700,
67.9456


443.5246,
476.7826, 471.8961

 50.3241, 55.3426,
49.3871


115.6601,
125.8451, 117.9278

 35.8898, 39.6761,
34.5589


146.0009,
158.4616, 150.1885

 24.5189, 27.2861,
23.0424


181.2319,
196.2766, 187.8538

 15.8458, 17.7882,
14.4192

221.7182,
239.6745, 231.3420

 9.5052, 10.7980,
8.2708

267.8253,
289.0396, 281.0718

 5.1319, 5.9312,
4.1784


319.9185,

 2.3604, 2.8033,


344.7564, 337.4618


1.7237


378.3631,
407.2092, 400.9303

 0.8253, 1.0299,
0.3769


 0.0000, 0.0000,
0.0000


 68.1870, 74.6700,
67.9456


 68.1870, 74.6700,
67.9456


 63.8887, 72.7484,
54.5528


 72.9500, 76.7897,
83.4348


 60.0312, 71.0079,
43.1614


 78.1882, 79.1046,
101.1000


 56.5975, 69.4441,
33.6764


 81.0419, 80.4731,
105.8692


 53.5672, 68.0489,
25.9932


 83.0728, 81.5201,
105.9643


 50.9178, 66.8130,
19.9971


 85.1700, 82.6012,
106.0624

 48.6242, 65.7265,
15.5603

 86.7606, 83.4212,
106.1369

 46.6581, 64.7778,
12.5367

 44.9858, 63.9534,
10.7525

 43.5667, 63.2390,
9.9102

Harmonies

Analogous

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



71.0006, 74.6700, 66.0618



68.1870, 74.6700, 67.9456



66.1677, 74.6700, 73.3517

Triad

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



68.1870, 74.6700, 67.9456



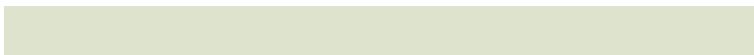
68.1380, 74.6700, 96.2122



76.8192, 74.6700, 81.3861

Complementary

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



68.1870, 74.6700, 67.9456



62.0392, 62.4354, 81.4585

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.



76.0026, 74.6700, 89.8090



68.1870, 74.6700, 67.9456



70.9426, 74.6700, 98.7245

Square

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



68.1870, 74.6700, 67.9456



66.1400, 74.6700, 89.6552



73.8310, 74.6700, 96.3053



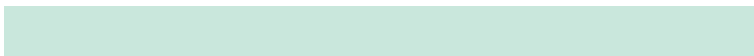
76.0330, 74.6700, 73.4862

Rectangle

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



68.1870, 74.6700, 67.9456



65.5153, 74.6700, 78.4240



73.8310, 74.6700, 96.3053



76.7227, 74.6700, 84.2515

Sweetspot

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



68.1890, 74.6732, 67.9472



93.1118, 99.1403, 102.5076



65.5651, 66.6626, 66.5393



19.8209, 21.1718, 21.5845



0.0000, 0.0000, 0.0000



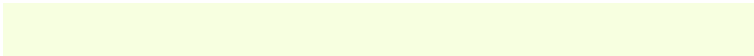
20.3446, 21.4041, 23.3091

Same Dimension

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



68.1890, 74.6732, 67.9472



87.6312, 96.7001, 84.8521



64.8778, 72.9663, 67.7923



15.2152, 16.6180, 15.3101



25.5216, 36.9383, 5.7847



1.9717, 2.7738, 0.4315

Inverse Universe

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



62.0392, 62.4354, 81.4585



78.2178, 77.9672, 105.5344



65.3555, 64.1450, 81.6137



13.9338, 14.0681, 18.1254



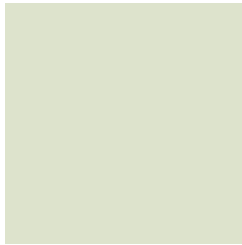
9.2397, 3.8291, 42.6353



0.7682, 0.3270, 3.1546

Previews

White Background



This preview shows how the XYZ color 68.1870, 74.6700, 67.9456 looks on a white background.

Color Contrast Check

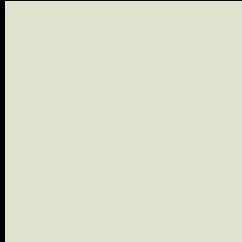
Large Text (above 18pt) WCAG AA × Fail

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 68.1870, 74.6700, 67.9456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

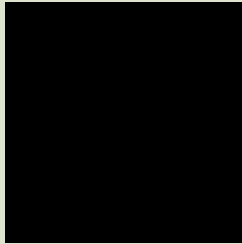
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

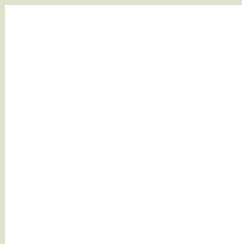
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1870, 74.6700, 67.9456

Background



This preview shows how black text looks on a background with the XYZ color 68.1870, 74.6700, 67.9456.



This preview shows how white text looks on a background with the XYZ color 68.1870, 74.6700,

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

68.1870, 74.6700, 67.9456

Protanopia

70.6526, 74.3633, 66.5069

Deuteranopia

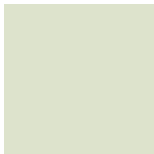
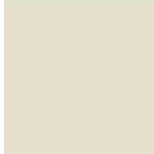
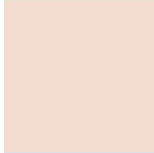
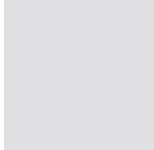
75.8413, 74.2634, 68.7295



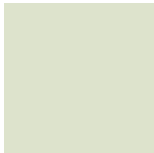
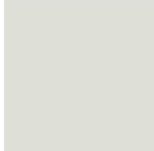
Tritanopia

73.0653, 74.6433, 92.2180

Trichromacy

	Original Color 68.1870, 74.6700, 67.9456
	Protanomaly 69.7482, 74.2811, 67.1615
	Deuteranomaly 72.8883, 74.2949, 68.2563
	Tritanomaly 71.1236, 74.6496, 82.6117

Monochromacy

	Original Color 68.1870, 74.6700, 67.9456
	Achromatopsia 70.1384, 73.7910, 80.3584
	Achromatomaly 69.1745, 73.7988, 75.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1870, 74.6700, 67.9456 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(221, 227, 204) looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 204)  
}
```

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(221, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 204) }
```

Border

The CSS property to change the border of an element to XYZ 68.1870, 74.6700, 67.9456 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(221, 227, 204) }
```


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

```
.border{ border-color:rgb(221, 227, 204) }
```

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

Here you see how a box with a 4 pixel rgb(221, 227, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1870, 74.6700, 67.9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 204) }
```

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

```
.background{ background-color: rgb(221,  
227, 204) }
```

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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