

Converting Colors

XYZ(67.9061, 74.4473, 69.8253)

Have a look what the booklet for
XYZ(67.9061, 74.4473, 69.8253)
contains.

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Color

**XYZ(67.9450, 74.5032,
69.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE3CF
RGB	219, 227, 207
RGB Percent	86%, 89%, 81%
CMY	0.1412, 0.1098, 0.1882
CMYK	0.04, 0.00, 0.09, 0.11
HSL	84°, 26%, 85%
HSV	84°, 9%, 89%
XYZ	67.9450, 74.5032, 69.8310
YIQ	222.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

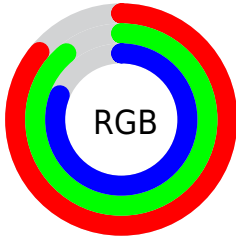
Format	Color
RYB	207, 227, 215
Decimal	14410703
CIELab	89.16, -6.20, 8.83
CIELCh	89, 10.796, 125.077
Yxy	74.5032, 0.3201, 0.3510
Android (android.graphics.Color)	4292600783 (0xFFDBE3CF)
YUV	222.3280, -7.5567, -2.9187
Hunter-Lab	86.3152, -10.5413, 12.4537

Details

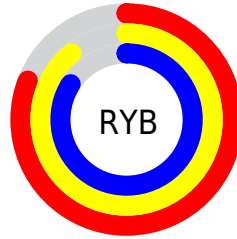
The XYZ color **67.9450, 74.5032, 69.8310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2052, 64.6208, 81.7660**, and the grayscale version is **69.7157, 73.3463, 79.8741**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8121, 39.6975, 35.9119** is the 20% darker color. If you saturate the color by 10%, you get **62.7089, 72.1040, 56.1255**, and if you desaturate by 10%, it is **73.7334, 77.1453, 85.6483**.

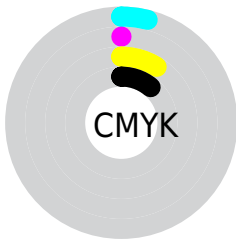
Distribution



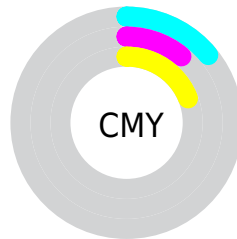
- Red (86%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9450, 74.5032, 69.8310 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 67.9450, 74.5032, 69.8310 by changing the saturation by 10% instead.

67.9450, 74.5032,
69.8310

67.9450, 74.5032,
69.8310

442.6809,
476.2083, 478.7295

50.1265, 55.2060,
50.9128

115.3158,
125.6089, 120.6466

35.7321, 39.5667,
35.7630

145.5988,
158.1861, 153.3810

24.3965, 27.2008,
23.9630

180.7674,
195.9588, 191.5580

15.7544, 17.7241,
15.0942

221.1869,
239.3114, 235.5961

9.4402, 10.7521,
8.7382

267.2226,
288.6283, 285.9137

5.0888, 5.9004,
4.4763

319.2399,

2.3348, 2.7846,

344.2937, 342.9294

1.8901

377.6043,
406.6923, 407.0618

■ 0.8124, 1.0203,
0.4864

■ 0.0000, 0.0000,
0.0000

■ 67.9450, 74.5032,
69.8310

■ 67.9450, 74.5032,
69.8310

■ 62.7089, 72.1040,
56.1255

■ 73.7334, 77.1453,
85.6483

■ 57.9997, 69.9302,
44.4376

■ 80.0862, 80.0283,
103.6565

■ 53.7989, 67.9763,
34.6731

■ 83.6146, 81.7993,
105.9896

■ 50.0842, 66.2334,
26.7286

■ 86.7605, 83.4211,
106.1368

■ 46.8318, 64.6914,
20.4906

■ 44.0151, 63.3395,
15.8333

■ 41.6042, 62.1654,
12.6133

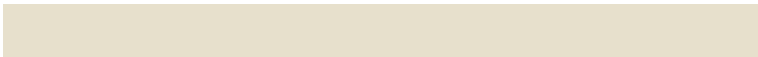
■ 39.5642, 61.1548,
10.6612

■ 37.8433, 60.2867,
9.7194

Harmonies

Analogous

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



70.3663, 74.5032, 67.5267



67.9450, 74.5032, 69.8310



66.3230, 74.5032, 75.1669

Triad

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



67.9450, 74.5032, 69.8310



68.7022, 74.5032, 94.9848



75.9734, 74.5032, 79.8458

Complementary

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



67.9450, 74.5032, 69.8310



64.2052, 64.6208, 81.7660

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.



75.5014, 74.5032, 87.3822



67.9450, 74.5032, 69.8310



71.2617, 74.5032, 96.4280

Square

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



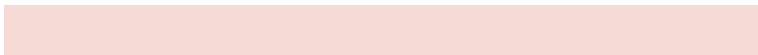
67.9450, 74.5032, 69.8310



66.7525, 74.5032, 89.7369



73.7607, 74.5032, 93.5674



75.0350, 74.5032, 73.0757

Rectangle

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



67.9450, 74.5032, 69.8310



65.8907, 74.5032, 79.8841



73.7607, 74.5032, 93.5674



75.9746, 74.5032, 82.3712

Sweetspot

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



67.9470, 74.5064, 69.8326



92.7254, 98.9411, 102.4895



67.2442, 69.4393, 68.8916



19.7165, 21.1179, 21.5796



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.



67.9470, 74.5064, 69.8326



86.8489, 96.2564, 86.6388



65.0283, 73.0018, 69.6960



15.0144, 16.5145, 15.3007



22.0927, 35.1707, 5.6242



1.7367, 2.6527, 0.4205

Inverse Universe

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



64.2052, 64.6208, 81.7660



80.8237, 80.3380, 105.8547



67.2320, 66.1812, 81.9076



14.1259, 14.1671, 18.1343



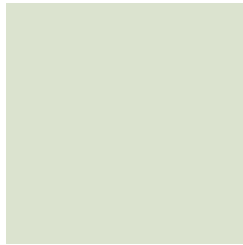
10.7159, 4.5901, 42.7044



0.8944, 0.3920, 3.1605

Previews

White Background



This preview shows how the XYZ color 67.9450, 74.5032, 69.8310 looks on a white background.

Color Contrast Check

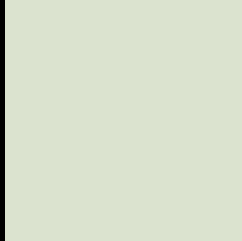
Large Text (above 18pt) WCAG AA × Fail

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 67.9450, 74.5032, 69.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

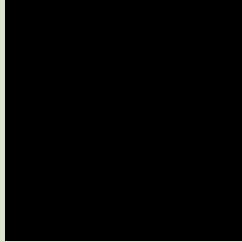
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

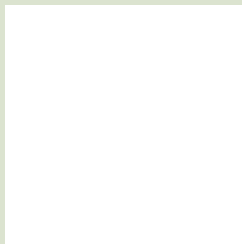
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9450, 74.5032, 69.8310

Background



This preview shows how black text looks on a background with the XYZ color 67.9450, 74.5032, 69.8310.

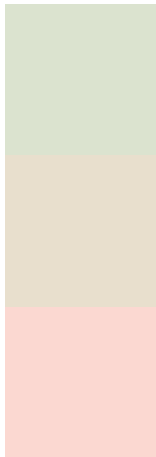


This preview shows how white text looks on a background with the XYZ color 67.9450, 74.5032,

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

67.9450, 74.5032, 69.8310

Protanopia

70.6858, 74.3389, 68.3809

Deuteranopia

75.8482, 74.2244, 70.6507



Tritanopia

72.5899, 74.3811, 92.9692

Trichromacy



Original Color

67.9450, 74.5032, 69.8310

Protanomaly

69.4748, 74.0984, 69.0332

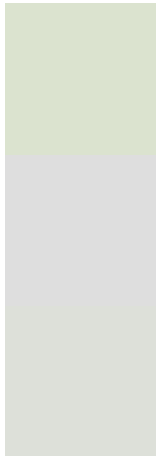
Deuteranomaly

72.5750, 74.0912, 70.1504

Tritanomaly

70.7834, 74.4423, 84.0369

Monochromacy



Original Color

67.9450, 74.5032, 69.8310

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9988, 73.6932, 76.2332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9450, 74.5032, 69.8310 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(219, 227, 207) looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 207)  
}
```

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(219, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 207) }
```

Border

The CSS property to change the border of an element to XYZ 67.9450, 74.5032, 69.8310 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(219, 227, 207) }
```


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

```
.border{ border-color:rgb(219, 227, 207) }
```

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

Here you see how a box with a 4 pixel rgb(219, 227, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 227,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9450, 74.5032, 69.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 227, 207) }
```

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

```
.background{ background-color: rgb(219,  
227, 207) }
```

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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