

Converting Colors

XYZ(68.9612, 75.0202, 71.9716)

Have a look what the booklet for
XYZ(68.9612, 75.0202, 71.9716)
contains.

XYZ(68.9207, 74.9635, 71.8097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.9207, 74.9635,
71.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE3D2
RGB	221, 227, 210
RGB Percent	87%, 89%, 82%
CMY	0.1333, 0.1098, 0.1765
CMYK	0.03, 0.00, 0.07, 0.11
HSL	81°, 23%, 86%
HSV	81°, 7%, 89%
XYZ	68.9207, 74.9635, 71.8097
YIQ	223.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

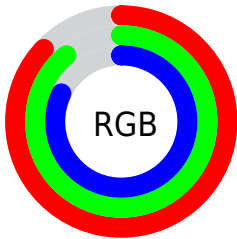
Format	Color
RYB	210, 227, 216
Decimal	14541778
CIELab	89.38, -5.01, 7.59
CIELCh	89, 9.095, 123.393
Yxy	74.9635, 0.3195, 0.3475
Android (android.graphics.Color)	4292731858 (0xFFDDE3D2)
YUV	223.2680, -6.5411, -1.9890
Hunter-Lab	86.5815, -9.4277, 11.4326

Details

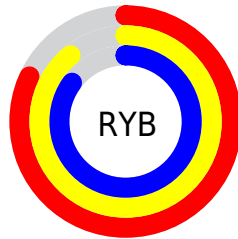
The XYZ color **68.9207, 74.9635, 71.8097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2337, 66.2403, 82.0245**, and the grayscale version is **70.3756, 74.0407, 80.6303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4792, 40.0123, 37.2530** is the 20% darker color. If you saturate the color by 10%, you get **63.9086, 72.6858, 57.8444**, and if you desaturate by 10%, it is **74.4547, 77.4683, 87.8967**.

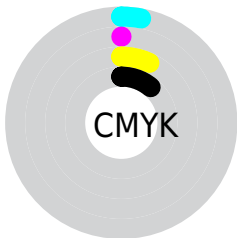
Distribution



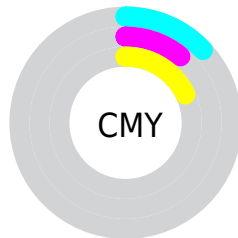
- Red (87%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9207, 74.9635, 71.8097 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 68.9207, 74.9635, 71.8097 by changing the saturation by 10% instead.

■ 68.9207, 74.9635,
71.8097

■ 68.9207, 74.9635,
71.8097

446.0770,
477.7921, 485.8387

■ 50.9235, 55.5830,
52.5174

116.7030,
126.2607, 123.4911

■ 36.3686, 39.8687,
37.0325

147.2188,
158.9462, 156.7173

■ 24.8904, 27.4362,
24.9367

182.6383,
196.8354, 195.4252

■ 16.1237, 17.9011,
15.8113

223.3267,
240.3128, 240.0333

■ 9.7031, 10.8790,
9.2378

269.6494,
289.7628, 290.9601

■ 5.2633, 5.9855,
4.7977

321.9718,

■ 2.4389, 2.8363,

345.5698, 348.6243

2.0724

380.6592,
408.1181, 413.4443

0.8646, 1.0469,
0.5993

0.0000, 0.0000,
0.0000

68.9207, 74.9635,
71.8097

68.9207, 74.9635,
71.8097

63.9086, 72.6858,
57.8444

74.4547, 77.4683,
87.8967

59.3939, 70.6179,
45.9073

80.4569, 80.1715,
105.8419

55.3590, 68.7550,
35.9052

83.1942, 81.5827,
105.9700

51.7827, 67.0885,
27.7358

86.0528, 83.0563,
106.1037

■ 48.6421, 65.6090,
21.2873

■ 86.7606, 83.4212,
106.1369

■ 45.9120, 64.3061,
16.4355

■ 43.5638, 63.1683,
13.0399

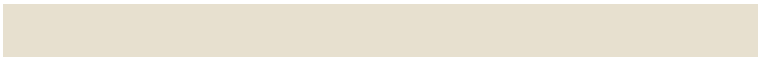
■ 41.5643, 62.1820,
10.9354

■ 39.8696, 61.3295,
9.9000

Harmonies

Analogous

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



70.9976, 74.9635, 69.9871



68.9207, 74.9635, 71.8097



67.4917, 74.9635, 76.2545

Triad

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



68.9207, 74.9635, 71.8097



69.3507, 74.9635, 93.0804



75.6093, 74.9635, 80.8992

Complementary

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



68.9207, 74.9635, 71.8097



65.2337, 66.2403, 82.0245

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.



75.1464, 74.9635, 87.2367



68.9207, 74.9635, 71.8097



71.5042, 74.9635, 94.4810

Square

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



68.9207, 74.9635, 71.8097



67.7363, 74.9635, 88.5567



73.6323, 74.9635, 92.2909



74.8843, 74.9635, 75.0601

Rectangle

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



68.9207, 74.9635, 71.8097



67.0828, 74.9635, 80.2201



73.6323, 74.9635, 92.2909



75.5875, 74.9635, 83.0411

Sweetspot

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



68.9228, 74.9667, 71.8113



93.5801, 99.3359, 104.6018



67.8572, 70.0727, 70.9228



20.0454, 21.2689, 22.4341



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.



68.9228, 74.9667, 71.8113



88.6535, 97.1042, 90.4516



66.4146, 73.6737, 71.6939



15.0819, 16.5493, 15.3039



23.1517, 35.7166, 5.6738



1.8107, 2.6908, 0.4239

Inverse Universe

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



65.2337, 66.2403, 82.0245



82.9083, 83.5137, 106.3578



67.7946, 67.5605, 82.1444



14.0606, 14.1335, 18.1313



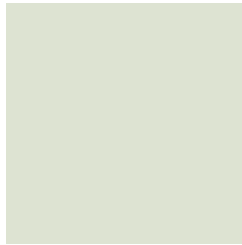
10.1383, 4.2924, 42.6773



0.8472, 0.3677, 3.1583

Previews

White Background



This preview shows how the XYZ color 68.9207, 74.9635, 71.8097 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 68.9207, 74.9635, 71.8097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

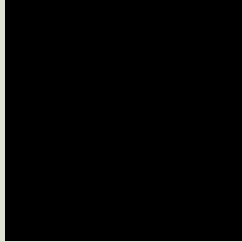
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

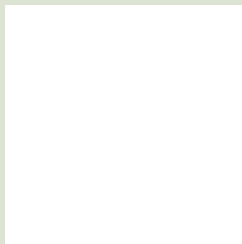
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9207, 74.9635, 71.8097

Background



This preview shows how black text looks on a background with the XYZ color 68.9207, 74.9635, 71.8097.



This preview shows how white text looks on a background with the XYZ color 68.9207, 74.9635,

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

68.9207, 74.9635, 71.8097

Protanopia

71.3195, 75.0212, 70.3961

Deuteranopia

76.4802, 74.8884, 72.7113



Tritanopia

73.4799, 75.2354, 93.0871

Trichromacy



Original Color

68.9207, 74.9635, 71.8097

Protanomaly

70.4287, 74.9479, 71.0760

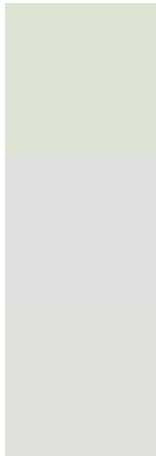
Deuteranomaly

73.5495, 74.9413, 72.2167

Tritanomaly

71.5390, 74.8157, 84.7991

Monochromacy



Original Color

68.9207, 74.9635, 71.8097

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.4347, 73.9029, 76.9347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9207, 74.9635, 71.8097 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, 210) looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 210) }
```

Border

The CSS property to change the border of an element to XYZ 68.9207, 74.9635, 71.8097 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, 210) }
```


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

```
.border{ border-color:rgb(221, 227, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9207, 74.9635, 71.8097 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, 210) }
```

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

```
.background{ background-color: rgb(221,  
227, 210) }
```

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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