

Converting Colors

XYZ(68.3014, 74.1061, 77.7219)

Have a look what the booklet for
XYZ(68.3014, 74.1061, 77.7219)
contains.

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Color

**XYZ(68.3014, 74.1061,
77.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E2DB
RGB	216, 226, 219
RGB Percent	85%, 89%, 86%
CMY	0.1529, 0.1137, 0.1412
CMYK	0.04, 0.00, 0.03, 0.11
HSL	138°, 15%, 87%
HSV	138°, 4%, 89%
XYZ	68.3014, 74.1061, 77.7219
YIQ	222.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

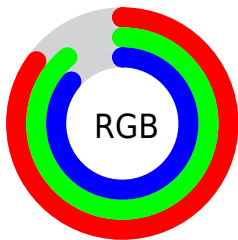
Format	Color
RYB	216, 224, 226
Decimal	14213851
CIELab	88.97, -4.62, 2.25
CIELCh	89, 5.134, 154.057
Yxy	74.1061, 0.3103, 0.3366
Android (android.graphics.Color)	4292403931 (0xFFD8E2DB)
YUV	222.2120, -1.5835, -5.4479
Hunter-Lab	86.0849, -9.0233, 6.7294

Details

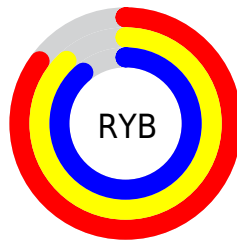
The XYZ color **68.3014, 74.1061, 77.7219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2418, 70.6100, 79.7952**, and the grayscale version is **69.5954, 73.2198, 79.7363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9617, 39.3832, 40.8283** is the 20% darker color. If you saturate the color by 10%, you get **60.0933, 70.1061, 66.9766**, and if you desaturate by 10%, it is **77.6301, 78.6651, 89.5563**.

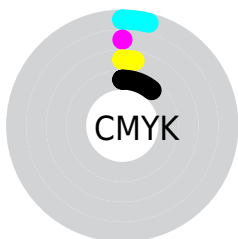
Distribution



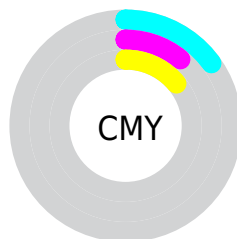
- Red (85%)
- Green (89%)
- Blue (86%)



- Red (85%)
- Yellow (88%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3014, 74.1061, 77.7219 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 68.3014, 74.1061, 77.7219 by changing the saturation by 10% instead.

■ 68.3014, 74.1061,
77.7219

■ 68.3014, 74.1061,
77.7219

443.9232,
474.8395, 506.7247

■ 50.4175, 54.8809,
57.3305

115.8228,
125.0462, 131.9403

■ 35.9644, 39.3064,
40.8595

146.1910,
157.5299, 166.6044

■ 24.5767, 26.9981,
27.8904

181.4513,
195.2018, 206.8631

■ 15.8890, 17.5718,
18.0048

221.9692,
238.4464, 253.1349

■ 9.5360, 10.6430,
10.7839

268.1100,
287.6481, 305.8385

■ 5.1523, 5.8273,
5.8094

320.2390,

■ 2.3726, 2.7404,

343.1912, 365.3922

2.6626

378.7216,
405.4602, 432.2148

■ 0.8314, 0.9977,
0.9245

■ 0.0000, 0.0000,
0.0000

■ 68.3014, 74.1061,
77.7219

■ 68.3014, 74.1061,
77.7219

■ 60.0933, 70.1061,
66.9766

■ 77.6301, 78.6651,
89.5563

■ 52.9568, 66.6343,
57.2850

■ 85.7946, 82.5983,
102.3959

■ 46.8485, 63.6708,
48.6164

■ 86.4878, 82.8756,
106.0459

■ 41.7194, 61.1914,
40.9373

■ 37.5167, 59.1693,
34.2120

■ 34.1822, 57.5754,
28.4029

■ 31.6508, 56.3770,
23.4697

■ 29.8480, 55.5365,
19.3690

■ 28.6834, 55.0083,
16.0535

Harmonies

Analogous

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



69.1013, 74.1061, 75.1324



68.3014, 74.1061, 77.7219



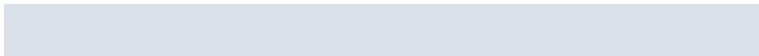
68.0708, 74.1061, 81.1758

Triad

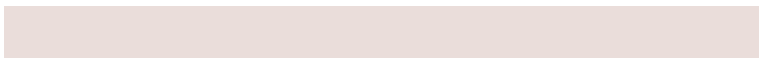
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.3014, 74.1061, 77.7219



70.6054, 74.1061, 87.7344



72.4409, 74.1061, 76.9040

Complementary

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



68.3014, 74.1061, 77.7219



69.2418, 70.6100, 79.7952

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.



72.8546, 74.1061, 80.2041



68.3014, 74.1061, 77.7219



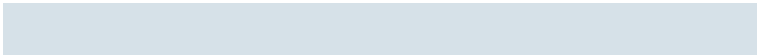
71.7870, 74.1061, 86.5129

Square

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



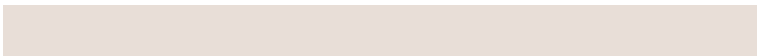
68.3014, 74.1061, 77.7219



69.3919, 74.1061, 87.0229



72.6139, 74.1061, 83.7306



71.4898, 74.1061, 74.6701

Rectangle

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



68.3014, 74.1061, 77.7219



68.2687, 74.1061, 83.5208



72.6139, 74.1061, 83.7306



72.6479, 74.1061, 77.9219

Sweetspot

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



68.3035, 74.1093, 77.7235



93.8319, 99.4051, 107.3496



70.0767, 75.0686, 75.7629



20.0967, 21.2831, 22.9936



0.0000, 0.0000, 0.0000



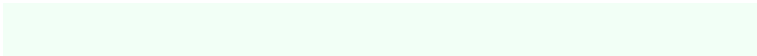
20.3446, 21.4041, 23.3091

Same Dimension

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



68.3035, 74.1093, 77.7235



89.1097, 97.0999, 101.2938



68.9496, 74.3677, 81.1261



14.3766, 15.7360, 16.3243



16.1529, 31.2860, 8.5280



1.1584, 2.1841, 0.7951

Inverse Universe

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



69.2418, 70.6100, 79.7952



90.5070, 91.8893, 104.3786



68.5989, 70.3528, 76.4095



14.6313, 14.7864, 16.8865



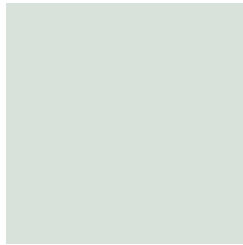
21.4796, 10.6588, 19.7232



1.5278, 0.7544, 1.5723

Previews

White Background



This preview shows how the XYZ color 68.3014, 74.1061, 77.7219 looks on a white background.

Color Contrast Check

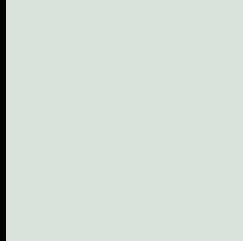
Large Text (above 18pt) WCAG AA × Fail

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 68.3014, 74.1061, 77.7219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

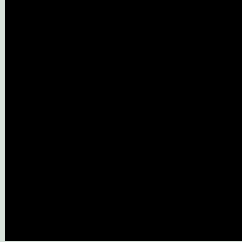
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

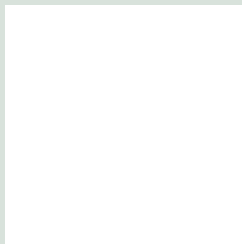
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3014, 74.1061, 77.7219

Background



This preview shows how black text looks on a background with the XYZ color 68.3014, 74.1061, 77.7219.

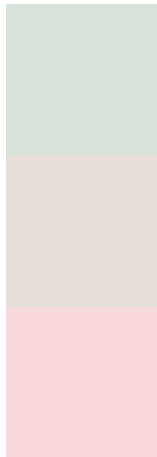


This preview shows how white text looks on a background with the XYZ color 68.3014, 74.1061,

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

68.3014, 74.1061, 77.7219

Protanopia

70.9588, 73.9103, 76.1718

Deuteranopia

75.6130, 73.9250, 78.6903



Tritanopia

71.3293, 74.1267, 92.9865

Trichromacy



Original Color

68.3014, 74.1061, 77.7219

Protanomaly

69.7830, 73.6846, 76.8743

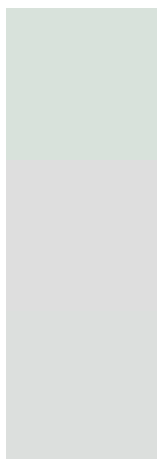
Deuteranomaly

72.7724, 74.0159, 78.1611

Tritanomaly

70.1346, 74.0429, 86.9392

Monochromacy



Original Color

68.3014, 74.1061, 77.7219

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9540, 73.2115, 78.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3014, 74.1061, 77.7219 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(216, 226, 219) looks like.

```
.text, #text, p{  
    color:rgb(216, 226, 219)  
}
```

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(216, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 226, 219) }
```

Border

The CSS property to change the border of an element to XYZ 68.3014, 74.1061, 77.7219 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(216, 226, 219) }
```


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

```
.border{ border-color:rgb(216, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(216, 226,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3014, 74.1061, 77.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 226, 219) }
```

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

```
.background{ background-color: rgb(216,  
226, 219) }
```

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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