

Converting Colors

XYZ(71.2011, 80.0915, 75.7230)

Have a look what the booklet for
XYZ(71.2011, 80.0915, 75.7230)
contains.

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Color

**XYZ(71.4634, 80.3801,
76.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEDD7
RGB	218, 237, 215
RGB Percent	85%, 93%, 84%
CMY	0.1451, 0.0706, 0.1569
CMYK	0.08, 0.00, 0.09, 0.07
HSL	112°, 38%, 89%
HSV	112°, 9%, 93%
XYZ	71.4634, 80.3801, 76.0384
YIQ	228.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

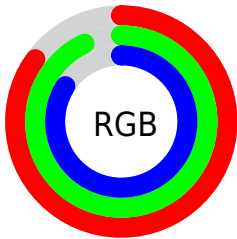
Format	Color
RYB	215, 237, 234
Decimal	14347735
CIELab	91.86, -10.23, 8.52
CIELCh	92, 13.314, 140.237
Yxy	80.3801, 0.3136, 0.3527
Android (android.graphics.Color)	4292537815 (0xFFDAEDD7)
YUV	228.8110, -6.8088, -9.4812
Hunter-Lab	89.6549, -14.6149, 12.4733

Details

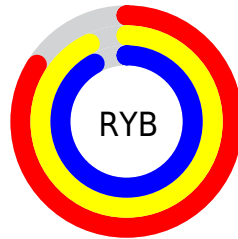
The XYZ color **71.4634, 80.3801, 76.0384** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5213, 72.2100, 90.1878**, and the grayscale version is **74.3899, 78.2639, 85.2294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9733, 43.3723, 39.6280** is the 20% darker color. If you saturate the color by 10%, you get **62.8884, 76.2886, 60.8748**, and if you desaturate by 10%, it is **81.2401, 85.0447, 93.5645**.

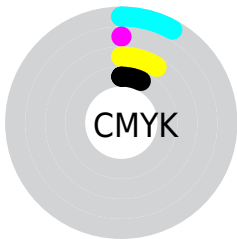
Distribution



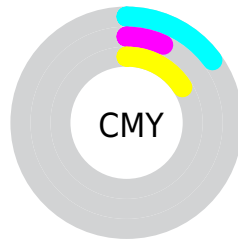
- Red (85%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4634, 80.3801, 76.0384 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 71.4634, 80.3801, 76.0384 by changing the saturation by 10% instead.

71.4634, 80.3801,
76.0384

71.4634, 80.3801,
76.0384

454.8584,
496.2129, 500.8295

53.0043, 60.0312,
55.9572

120.3083,
133.9000, 129.5418

38.0337, 43.4438,
39.7648

151.4248,
167.8398, 163.8010

26.1862, 30.2335,
27.0428

187.4911,
207.0786, 203.6232

17.0964, 20.0159,
17.3727

228.8727,
252.0010, 249.4271

10.3990, 12.4066,
10.3358

275.9349,
302.9912, 301.6311

5.7286, 7.0212,
5.5137

329.0430,

2.7198, 3.4754,

360.4336, 360.6538

2.4877

388.5624,
424.7127, 426.9138

■ 1.0074, 1.3847,
0.8336

■ 0.0000, 0.2054,
0.0000

■ 71.4634, 80.3801,
76.0384

■ 71.4634, 80.3801,
76.0384

■ 62.8884, 76.2886,
60.8748

■ 81.2401, 85.0447,
93.5645

■ 55.4622, 72.7382,
47.9678

■ 89.5758, 89.0515,
107.0753

■ 49.1375, 69.7093,
37.2110

■ 43.8614, 67.1770,
28.4876

■ 39.5766, 65.1146,
21.6697

■ 36.2201, 63.4926,
16.6147

■ 33.7216, 62.2784,
13.1602

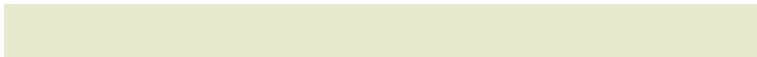
■ 32.0000, 61.4345,
11.1138

■ 30.9474, 60.9115,
10.1747

Harmonies

Analogous

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



74.1508, 80.3801, 71.0402



71.4634, 80.3801, 76.0384



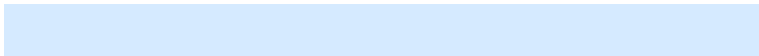
70.1108, 80.3801, 84.3709

Triad

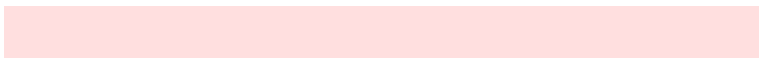
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4634, 80.3801, 76.0384



75.2912, 80.3801, 107.3849



82.7247, 80.3801, 81.1774

Complementary

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



71.4634, 80.3801, 76.0384



73.5213, 72.2100, 90.1878

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.



83.0522, 80.3801, 90.7470



71.4634, 80.3801, 76.0384



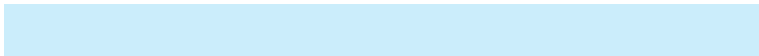
78.6919, 80.3801, 106.3702

Square

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



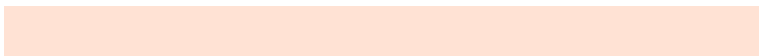
71.4634, 80.3801, 76.0384



72.2768, 80.3801, 102.7808



81.5565, 80.3801, 100.1034



80.6747, 80.3801, 73.8504

Rectangle

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



71.4634, 80.3801, 76.0384



70.1197, 80.3801, 90.9038



81.5565, 80.3801, 100.1034



83.0422, 80.3801, 84.2217

Sweetspot

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



71.4656, 80.3835, 76.0402



91.4534, 98.2854, 102.4300



76.5317, 81.5896, 76.0059



19.3738, 20.9413, 21.5635



0.0000, 0.0000, 0.0000



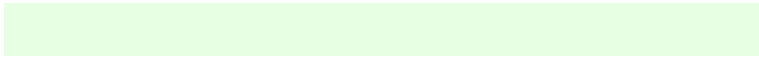
20.3446, 21.4041, 23.3091

Same Dimension

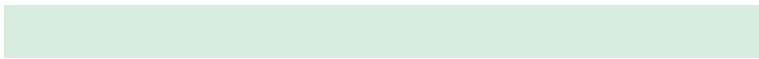
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4656, 80.3835, 76.0402



82.5003, 94.0146, 86.4353



71.5899, 80.3306, 81.3345



15.0593, 16.9606, 15.9987



16.9271, 33.2707, 5.5297



1.3897, 2.6437, 0.4370

Inverse Universe

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



73.5213, 72.2100, 90.1878



85.3525, 82.6728, 106.0666



73.4131, 72.2814, 84.4340



15.5011, 15.2036, 19.0398



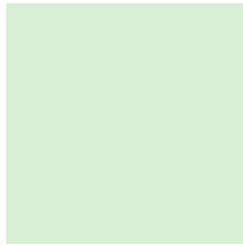
22.1273, 10.4430, 44.5924



1.7933, 0.8488, 3.5042

Previews

White Background



This preview shows how the XYZ color 71.4634, 80.3801, 76.0384 looks on a white background.

Color Contrast Check

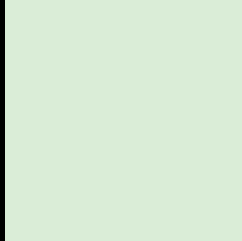
Large Text (above 18pt) WCAG AA × Fail

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 71.4634, 80.3801, 76.0384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

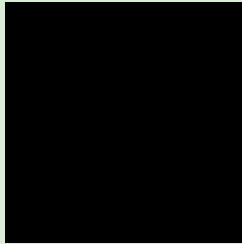
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

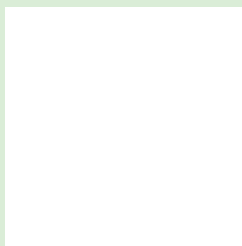
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4634, 80.3801, 76.0384

Background



This preview shows how black text looks on a background with the XYZ color 71.4634, 80.3801, 76.0384.

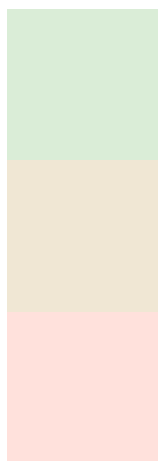


This preview shows how white text looks on a background with the XYZ color 71.4634, 80.3801,

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

71.4634, 80.3801, 76.0384

Protanopia

76.3948, 80.4306, 73.7856

Deuteranopia

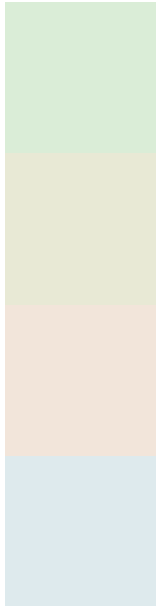
81.0835, 80.2777, 78.9317



Tritanopia

76.8524, 80.4626, 101.9228

Trichromacy



Original Color

71.4634, 80.3801, 76.0384

Protanomaly

74.4279, 80.2377, 74.5155

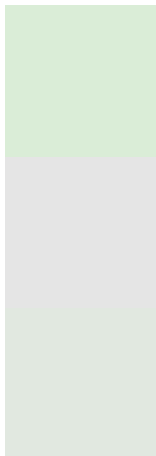
Deuteranomaly

77.2921, 79.9778, 77.6932

Tritanomaly

74.8331, 80.4897, 91.7127

Monochromacy



Original Color

71.4634, 80.3801, 76.0384

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.3625, 79.1026, 81.9227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4634, 80.3801, 76.0384 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(218, 237, 215)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 215)  
}
```

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(218, 237, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 215) }
```

Border

The CSS property to change the border of an element to XYZ 71.4634, 80.3801, 76.0384 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(218, 237, 215) }
```


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

```
.border{ border-color:rgb(218, 237, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4634, 80.3801, 76.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 215) }
```

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

```
.background{ background-color: rgb(218,  
237, 215) }
```

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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