

Converting Colors

XYZ(71.2082, 79.5912, 77.2395)

Have a look what the booklet for
XYZ(71.2082, 79.5912, 77.2395)
contains.

XYZ(71.4333, 79.9061, 77.3041)	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(71.4333, 79.9061,
77.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	DAECD9
RGB	218, 236, 217
RGB Percent	85%, 93%, 85%
CMY	0.1451, 0.0745, 0.1490
CMYK	0.08, 0.00, 0.08, 0.07
HSL	117°, 33%, 89%
HSV	117°, 8%, 93%
XYZ	71.4333, 79.9061, 77.3041
YIQ	228.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

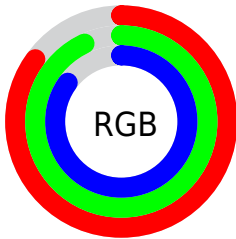
Format	Color
R _Y B	217, 236, 235
Decimal	14347481
CIE Lab	91.64, -9.38, 7.17
CIE LCh	92, 11.809, 142.612
Yxy	79.9061, 0.3124, 0.3495
Android (android.graphics.Color)	4292537561 (0xFFDAECD9)
YUV	228.4520, -5.6458, -9.1664
Hunter-Lab	89.3902, -13.7904, 11.2995

Details

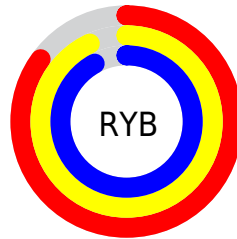
The XYZ color **71.4333, 79.9061, 77.3041** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2172, 73.3462, 89.6066**, and the grayscale version is **74.1182, 77.9781, 84.9182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9471, 43.0377, 40.4895** is the 20% darker color. If you saturate the color by 10%, you get **62.3396, 75.5501, 61.9840**, and if you desaturate by 10%, it is **81.8725, 84.9096, 94.9820**.

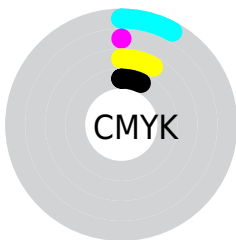
Distribution



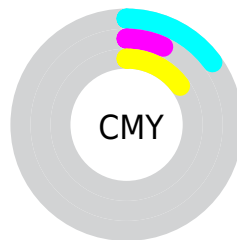
- Red (85%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (92%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4333, 79.9061, 77.3041 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 71.4333, 79.9061, 77.3041 by changing the saturation by 10% instead.

71.4333, 79.9061,
77.3041

71.4333, 79.9061,
77.3041

454.7550,
494.6163, 505.2654

52.9797, 59.6411,
56.9894

120.2657,
133.2337, 131.3456

38.0140, 43.1294,
40.5875

151.3751,
167.0651, 165.9095

26.1708, 29.9867,
27.6796

187.4339,
206.1874, 206.0603

17.0848, 19.8285,
17.8473

228.8073,
250.9850, 252.2164

10.3907, 12.2704,
10.6721

275.8608,
301.8423, 304.7964

5.7230, 6.9281,
5.7354

328.9597,

2.7164, 3.4172,

359.1437, 364.2189

2.6187

388.4693,
423.2736, 430.9024

■ 1.0056, 1.3532,
0.9021

■ 0.0000, 0.1819,
0.0000

■ 71.4333, 79.9061,
77.3041

■ 71.4333, 79.9061,
77.3041

■ 62.3396, 75.5501,
61.9840

■ 81.8725, 84.9096,
94.9820

■ 54.5302, 71.8054,
48.9172

■ 89.2870, 88.4740,
106.9790

■ 47.9494, 68.6477,
37.9989

■ 42.5346, 66.0473,
29.1143

■ 38.2176, 63.9717,
22.1376

■ 34.9232, 62.3853,
16.9293

■ 32.5670, 61.2478,
13.3306

■ 31.0506, 60.5127,
11.1546

■ 30.2493, 60.1212,
10.1423

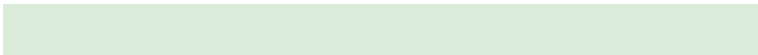
Harmonies

Analogous

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



73.7404, 79.9061, 72.5556



71.4333, 79.9061, 77.3041



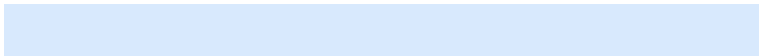
70.3413, 79.9061, 84.8859

Triad

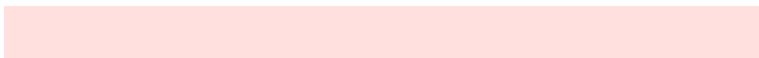
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4333, 79.9061, 77.3041



75.2051, 79.9061, 104.5356



81.4284, 79.9061, 80.7735

Complementary

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



71.4333, 79.9061, 77.3041



74.2172, 73.3462, 89.6066

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.



81.8457, 79.9061, 89.1574



71.4333, 79.9061, 77.3041



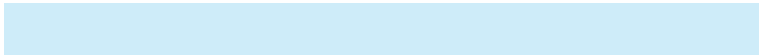
78.1999, 79.9061, 103.2538

Square

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



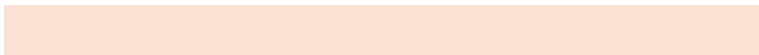
71.4333, 79.9061, 77.3041



72.4812, 79.9061, 100.8784



80.6498, 79.9061, 97.4835



79.5243, 79.9061, 74.4642

Rectangle

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



71.4333, 79.9061, 77.3041



70.4286, 79.9061, 90.6811



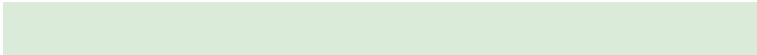
80.6498, 79.9061, 97.4835



81.7492, 79.9061, 83.4280

Sweetspot

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



71.4355, 79.9095, 77.3058



92.4843, 98.7710, 104.5505



76.7520, 82.1107, 77.4505



19.8223, 21.1539, 22.4237



0.0000, 0.0000, 0.0000



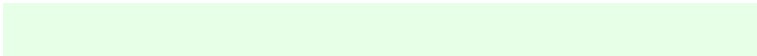
20.3446, 21.4041, 23.3091

Same Dimension

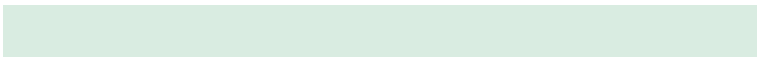
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4355, 79.9095, 77.3058



82.8767, 94.1677, 88.3034



72.2357, 80.1952, 83.0755



14.9416, 16.8999, 15.9932



16.6533, 33.1295, 5.5169



1.3336, 2.6148, 0.4344

Inverse Universe

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



74.2172, 73.3462, 89.6066



86.9560, 84.5422, 106.3429



73.3789, 73.0491, 83.4642



15.6320, 15.2711, 19.0460



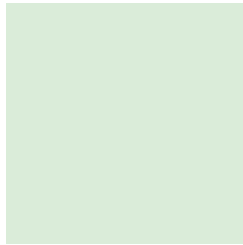
25.2548, 12.0553, 44.7388



2.0071, 0.9590, 3.5142

Previews

White Background



This preview shows how the XYZ color 71.4333, 79.9061, 77.3041 looks on a white background.

Color Contrast Check

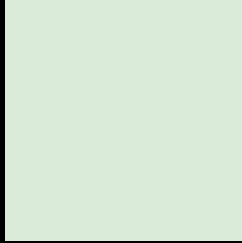
Large Text (above 18pt) WCAG AA × Fail

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 71.4333, 79.9061, 77.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

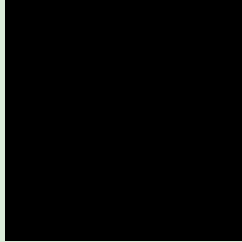
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

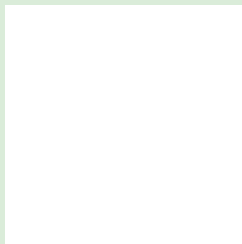
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4333, 79.9061, 77.3041

Background



This preview shows how black text looks on a background with the XYZ color 71.4333, 79.9061, 77.3041.

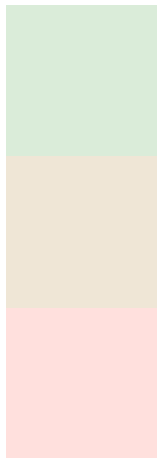


This preview shows how white text looks on a background with the XYZ color 71.4333, 79.9061,

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

71.4333, 79.9061, 77.3041

Protanopia

76.0310, 79.7994, 75.0139

Deuteranopia

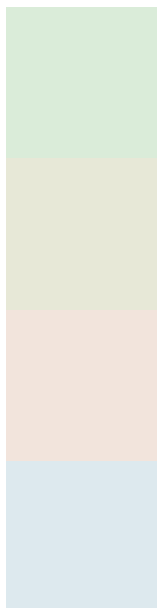
80.9468, 79.7918, 79.5416



Tritanopia

76.2627, 79.7419, 101.8147

Trichromacy



Original Color

71.4333, 79.9061, 77.3041

Protanomaly

74.0774, 79.6084, 75.7517

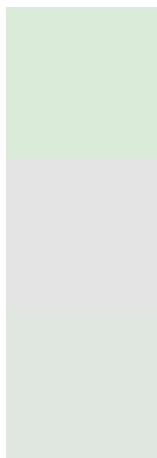
Deuteranomaly

77.2796, 79.5314, 78.9882

Tritanomaly

74.3903, 79.8230, 92.3755

Monochromacy



Original Color

71.4333, 79.9061, 77.3041

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.7709, 78.3809, 81.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4333, 79.9061, 77.3041 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, 236, 217) looks like.

```
.text, #text, p{  
    color:rgb(218, 236, 217)  
}
```

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, 236, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 236, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.4333, 79.9061, 77.3041 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, 236, 217) }
```


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

```
.border{ border-color:rgb(218, 236, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 236, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 236, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 236, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 236,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4333, 79.9061, 77.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 236, 217) }
```

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

```
.background{ background-color: rgb(218,  
236, 217) }
```

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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