

Converting Colors

XYZ(71.3345, 79.3251, 71.1175)

Have a look what the booklet for
XYZ(71.3345, 79.3251, 71.1175)
contains.

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Color

**XYZ(71.2394, 79.0877,
71.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEAD0
RGB	223, 234, 208
RGB Percent	87%, 92%, 82%
CMY	0.1255, 0.0823, 0.1843
CMYK	0.05, 0.00, 0.11, 0.08
HSL	85°, 38%, 87%
HSV	85°, 11%, 92%
XYZ	71.2394, 79.0877, 71.1852
YIQ	227.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

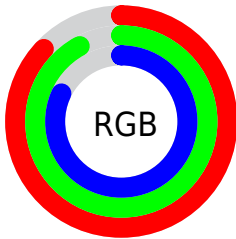
Format	Color
R_{YB}	208, 234, 219
Decimal	14674640
CIE _{Lab}	91.27, -8.21, 11.37
CIE _{LCh}	91, 14.023, 125.810
Yxy	79.0877, 0.3216, 0.3570
Android (android.graphics.Color)	4292864720 (0xFFDFEAD0)
YUV	227.7470, -9.7353, -4.1631
Hunter-Lab	88.9313, -12.6403, 14.7931

Details

The XYZ color **71.2394, 79.0877, 71.1852** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.6237, 66.1145, 87.0960**, and the grayscale version is **73.6277, 77.4621, 84.3563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9016, 42.4987, 36.7773** is the 20% darker color. If you saturate the color by 10%, you get **65.6084, 76.4956, 56.9857**, and if you desaturate by 10%, it is **77.4780, 81.9486, 87.6337**.

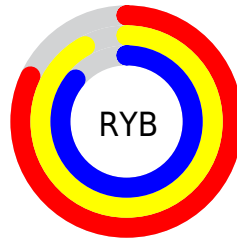
Distribution



Red (87%)

Green (92%)

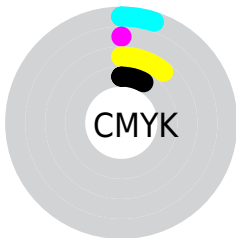
Blue (82%)



Red (82%)

Yellow (92%)

Blue (86%)

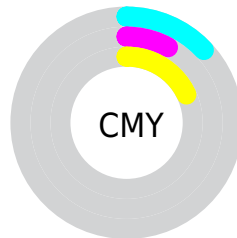


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (8%)



Cyan (13%)

Magenta (8%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2394, 79.0877, 71.1852 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 71.2394, 79.0877, 71.1852 by changing the saturation by 10% instead.

71.2394, 79.0877,
71.1852

71.2394, 79.0877,
71.1852

454.0887,
491.8530, 483.6017

52.8208, 58.9679,
52.0106

119.9912,
132.0823, 122.5943

37.8867, 42.5873,
36.6312

151.0551,
165.7259, 155.6659

26.0715, 29.5614,
24.6285

187.0649,
204.6463, 194.2069

17.0101, 19.5059,
15.5840

228.3859,
249.2278, 238.6358

10.3371, 12.0364,
9.0791

275.3834,
299.8548, 289.3712

5.6870, 6.7685,
4.6953

328.4228,

2.6945, 3.3177,

356.9118, 346.8316

2.0140

387.8694,
420.7830, 411.4356

■ 0.9944, 1.2998,
0.5639

■ 0.0000, 0.1410,
0.0000

■ 71.2394, 79.0877,
71.1852

■ 71.2394, 79.0877,
71.1852

■ 65.6084, 76.4956,
56.9857

■ 77.4780, 81.9486,
87.6337

■ 60.5570, 74.1531,
44.9323

■ 84.3382, 85.0765,
106.4177

■ 56.0644, 72.0540,
34.9218

■ 87.8768, 86.8970,
106.7489

■ 52.1057, 70.1880,
26.8404

■ 88.7144, 87.3288,
106.7881

■ 48.6541, 68.5440,
20.5633

■ 45.6797, 67.1096,
15.9507

■ 43.1486, 65.8710,
12.8426

■ 41.0208, 64.8116,
11.0475

■ 39.4124, 63.9978,
10.2756

Harmonies

Analogous

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



74.4803, 79.0877, 68.0593



71.2394, 79.0877, 71.1852



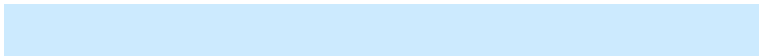
69.1027, 79.0877, 78.3337

Triad

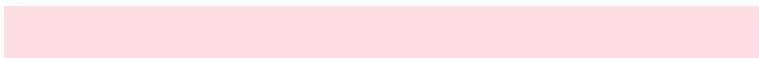
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2394, 79.0877, 71.1852



72.4027, 79.0877, 105.2447



82.1820, 79.0877, 84.1454

Complementary

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



71.2394, 79.0877, 71.1852



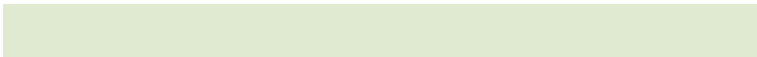
66.6237, 66.1145, 87.0960

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.



81.5834, 79.0877, 94.3912



71.2394, 79.0877, 71.1852



75.8650, 79.0877, 107.1066

Square

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



71.2394, 79.0877, 71.1852



69.7594, 79.0877, 98.0895



79.2436, 79.0877, 102.9943



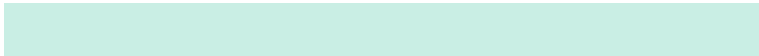
80.8544, 79.0877, 75.1535

Rectangle

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



71.2394, 79.0877, 71.1852



68.5537, 79.0877, 84.6898



79.2436, 79.0877, 102.9943



82.1999, 79.0877, 87.5521

Sweetspot

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



71.2416, 79.0911, 71.1869



92.6615, 98.9082, 102.4865



70.6078, 72.6254, 69.9723



19.6992, 21.1090, 21.5788



0.0000, 0.0000, 0.0000



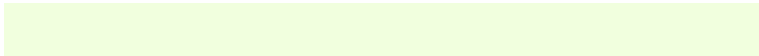
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2416, 79.0911, 71.1869



85.1906, 95.4816, 82.9417



67.4362, 77.1294, 71.0088



15.7004, 17.2911, 16.0287



22.2932, 36.0370, 5.7809



1.8600, 2.8862, 0.4591

Inverse Universe

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



66.6237, 66.1145, 87.0960



78.6833, 77.1950, 105.3608



70.6347, 68.1822, 87.2838



14.8354, 14.8604, 19.0087



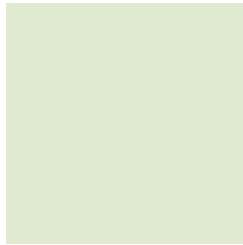
11.3755, 4.9002, 44.0892



1.0010, 0.4403, 3.4671

Previews

White Background



This preview shows how the XYZ color 71.2394, 79.0877, 71.1852 looks on a white background.

Color Contrast Check

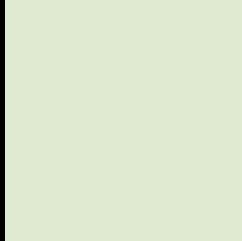
Large Text (above 18pt) WCAG AA × Fail

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 71.2394, 79.0877, 71.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

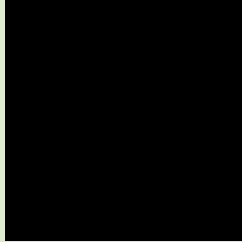
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

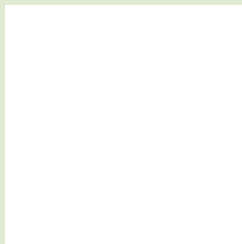
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2394, 79.0877, 71.1852

Background



This preview shows how black text looks on a background with the XYZ color 71.2394, 79.0877, 71.1852.

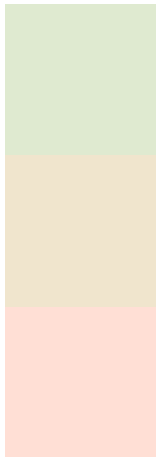


This preview shows how white text looks on a background with the XYZ color 71.2394, 79.0877,

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

71.2394, 79.0877, 71.1852

Protanopia

74.9739, 78.9717, 69.0491

Deuteranopia

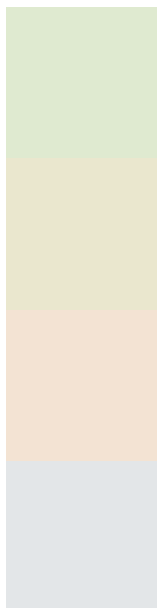
79.6379, 78.8394, 73.9710



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

71.2394, 79.0877, 71.1852

Protanomaly

73.6482, 79.1005, 69.7788

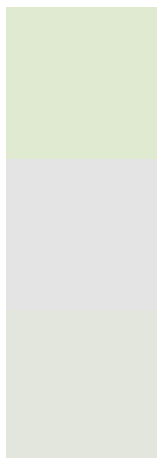
Deuteranomaly

76.1891, 78.6960, 72.8023

Tritanomaly

74.5409, 78.7507, 87.6156

Monochromacy



Original Color

71.2394, 79.0877, 71.1852

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.7120, 77.9828, 79.6265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2394, 79.0877, 71.1852 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(223, 234, 208) looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 208)  
}
```

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(223, 234, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.2394, 79.0877, 71.1852 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(223, 234, 208) }
```


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

```
.border{ border-color:rgb(223, 234, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 208);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2394, 79.0877, 71.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 208) }
```

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

```
.background{ background-color: rgb(223,  
234, 208) }
```

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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