

Converting Colors

XYZ(63.3573, 75.1047, 71.3866)

Have a look what the booklet for
XYZ(63.3573, 75.1047, 71.3866)
contains.

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Color

**XYZ(63.4371, 75.0512,
71.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EAD1
RGB	195, 234, 209
RGB Percent	76%, 92%, 82%
CMY	0.2353, 0.0823, 0.1804
CMYK	0.17, 0.00, 0.11, 0.08
HSL	142°, 48%, 84%
HSV	142°, 17%, 92%
XYZ	63.4371, 75.0512, 71.4644
YIQ	219.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

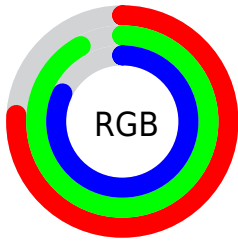
Format	Color
R_{YB}	195, 224, 234
Decimal	12839633
CIE _{Lab}	89.42, -17.43, 7.94
CIE _{LCh}	89, 19.152, 155.494
Yxy	75.0512, 0.3021, 0.3575
Android (android.graphics.Color)	4291029713 (0xFFC3EAD1)
YUV	219.4890, -5.1711, -21.4769
Hunter-Lab	86.6321, -20.8980, 11.7331

Details

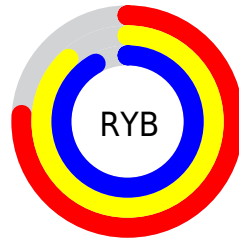
The XYZ color **63.4371, 75.0512, 71.4644** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.3677, 61.6918, 76.1233**, and the grayscale version is **67.7157, 71.2422, 77.5827**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **32.8213, 39.8701, 36.9762** is the 20% darker color. If you saturate the color by 10%, you get **56.0878, 71.4692, 61.8782**, and if you desaturate by 10%, it is **71.9130, 79.1980, 82.0194**.

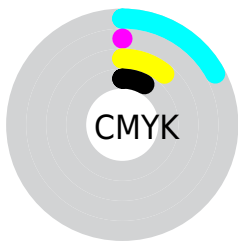
Distribution



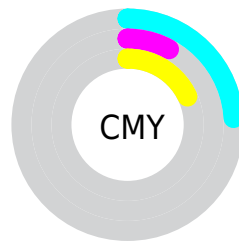
- Red (76%)
- Green (92%)
- Blue (82%)



- Red (76%)
- Yellow (88%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4371, 75.0512, 71.4644 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 63.4371, 75.0512, 71.4644 by changing the saturation by 10% instead.

63.4371, 75.0512,
71.4644

63.4371, 75.0512,
71.4644

426.7886,
478.0935, 484.6026

46.4549, 55.6548,
52.2371

108.8781,
126.3848, 122.9954

32.8111, 39.9263,
36.8106

138.0677,
159.0909, 156.1361

22.1403, 27.4810,
24.7662

172.0570,
197.0023, 194.7518

14.0772, 17.9348,
15.6855

211.2116,
240.5035, 239.2609

8.2564, 10.9032,
9.1500

255.8966,
289.9788, 290.0820

4.3127, 6.0018,
4.7410


306.4776,


1.8805, 2.8462,


345.8126, 347.6336


2.0400


363.3198,
408.3894, 412.3343


 0.5655, 1.0520,
0.5797


 0.0000, 0.0000,
0.0000

 63.4371, 75.0512,
71.4644


 63.4371, 75.0512,
71.4644

 56.0878, 71.4692,
61.8782


 71.9130, 79.1980,
82.0194


 49.8100, 68.4178,
53.2284

 81.5550, 83.9231,
93.5646

 44.5533, 65.8738,
45.4881

 88.5544, 87.2646,
105.9463

 40.2606, 63.8082,
38.6271

 88.7143, 87.3285,
106.7881

■ 36.8689, 62.1893,
32.6137

■ 34.3074, 60.9813,
27.4138

■ 32.4937, 60.1423,
22.9914

■ 31.3248, 59.6200,
19.3067

■ 31.0243, 59.4885,
18.2338

Harmonies

Analogous

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



66.2238, 75.0512, 62.4383



63.4371, 75.0512, 71.4644



62.7267, 75.0512, 84.2164

Triad

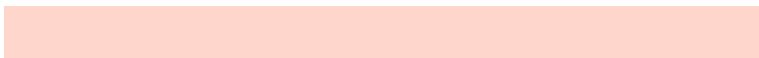
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4371, 75.0512, 71.4644



72.2010, 75.0512, 110.2237



78.9328, 75.0512, 67.6178

Complementary

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



63.4371, 75.0512, 71.4644



66.3677, 61.6918, 76.1233

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.



80.6946, 75.0512, 79.2695



63.4371, 75.0512, 71.4644



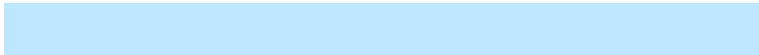
76.7004, 75.0512, 104.6065

Square

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



63.4371, 75.0512, 71.4644



67.6575, 75.0512, 107.5497



79.8603, 75.0512, 92.9083



75.1411, 75.0512, 60.3939

Rectangle

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



63.4371, 75.0512, 71.4644



63.4979, 75.0512, 93.3489



79.8603, 75.0512, 92.9083



79.7894, 75.0512, 71.0957

Sweetspot

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



63.4392, 75.0544, 71.4661



89.2256, 97.1462, 101.9038



68.8972, 78.0596, 63.0664



18.9290, 20.7105, 21.6064



0.0000, 0.0000, 0.0000



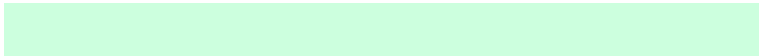
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4392, 75.0544, 71.4661



73.8878, 89.6477, 82.7321



65.9554, 76.0609, 84.7163



15.0917, 16.9515, 17.1658



17.4878, 33.4496, 10.5338



1.4178, 2.6444, 1.0618

Inverse Universe

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



66.3677, 61.6918, 76.1233



78.0742, 70.5423, 89.3874



63.9740, 60.7343, 63.5182



15.4720, 15.2167, 17.7709



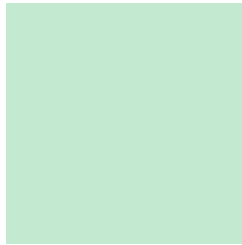
22.2238, 11.0922, 17.5118



1.7908, 0.8893, 1.6156

Previews

White Background



This preview shows how the XYZ color 63.4371, 75.0512, 71.4644 looks on a white background.

Color Contrast Check

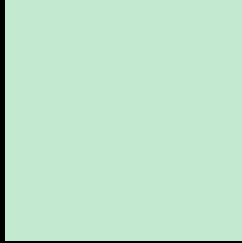
Large Text (above 18pt) WCAG AA × Fail

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 63.4371, 75.0512, 71.4644 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

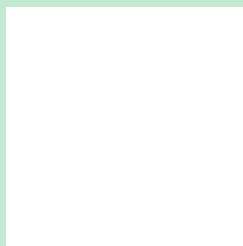
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4371, 75.0512, 71.4644

Background



This preview shows how black text looks on a background with the XYZ color 63.4371, 75.0512, 71.4644.



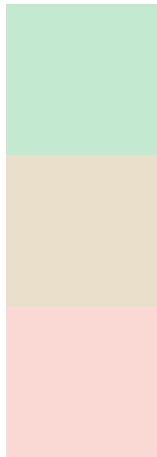
This preview shows how white text looks on a background with the XYZ color 63.4371, 75.0512,

71.4644.

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

63.4371, 75.0512, 71.4644

Protanopia

70.7714, 74.4108, 67.1326

Deuteranopia

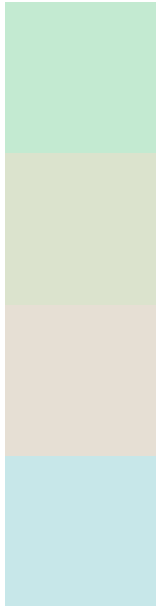
76.2474, 74.7538, 73.3610



Tritanopia

69.1649, 75.3106, 98.8867

Trichromacy



Original Color

63.4371, 75.0512, 71.4644

Protanomaly

67.7019, 74.4060, 68.5511

Deuteranomaly

70.9045, 74.3518, 72.9016

Tritanomaly

66.8371, 75.1771, 88.0787

Monochromacy



Original Color

63.4371, 75.0512, 71.4644

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.4997, 71.9192, 74.7196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4371, 75.0512, 71.4644 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(195, 234, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 209)  
}
```

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(195, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 209) }
```

Border

The CSS property to change the border of an element to XYZ 63.4371, 75.0512, 71.4644 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(195, 234, 209) }
```


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

```
.border{ border-color:rgb(195, 234, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 234, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4371, 75.0512, 71.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 234, 209) }
```

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

```
.background{ background-color: rgb(195,  
234, 209) }
```

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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