

Converting Colors

XYZ(62.8314, 73.0674, 71.1135)

Have a look what the booklet for
XYZ(62.8314, 73.0674, 71.1135)
contains.

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Color

**XYZ(62.8314, 73.0674,
71.1135)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E6D1
RGB	197, 230, 209
RGB Percent	77%, 90%, 82%
CMY	0.2274, 0.0980, 0.1804
CMYK	0.14, 0.00, 0.09, 0.10
HSL	142°, 40%, 84%
HSV	142°, 14%, 90%
XYZ	62.8314, 73.0674, 71.1135
YIQ	217.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

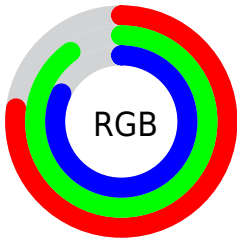
Format	Color
RYB	197, 221, 230
Decimal	12969681
CIELab	88.48, -14.78, 6.61
CIELCh	88, 16.195, 155.898
Yxy	73.0674, 0.3035, 0.3530
Android (android.graphics.Color)	4291159761 (0xFFC5E6D1)
YUV	217.7390, -4.3083, -18.1881
Hunter-Lab	85.4795, -18.3832, 10.5101

Details

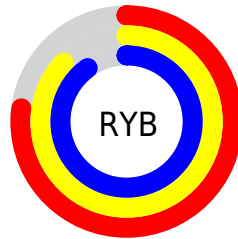
The XYZ color **62.8314, 73.0674, 71.1135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.2569, 61.8192, 74.8258**, and the grayscale version is **66.4976, 69.9606, 76.1871**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.3801, 38.4783, 36.7308** is the 20% darker color. If you saturate the color by 10%, you get **55.5326, 69.5067, 61.7430**, and if you desaturate by 10%, it is **71.2197, 77.1746, 81.4072**.

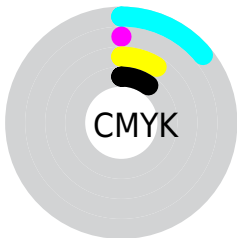
Distribution



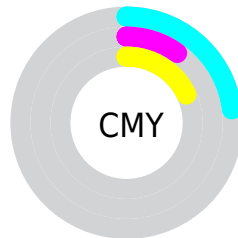
- Red (77%)
- Green (90%)
- Blue (82%)



- Red (77%)
- Yellow (87%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8314, 73.0674, 71.1135 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 62.8314, 73.0674, 71.1135 by changing the saturation by 10% instead.

62.8314, 73.0674,
71.1135

62.8314, 73.0674,
71.1135

424.6267,
471.2484, 483.3445

45.9630, 54.0311,
51.9524

108.0094,
123.5729, 122.4913

32.4211, 38.6265,
36.5852

137.0497,
155.8108, 155.5451

21.8404, 26.4693,
24.5932

170.8780,
193.2181, 194.0669

13.8557, 17.1751,
15.5580

209.8596,
236.1791, 238.4752

8.1014, 10.3594,
9.0610

254.3599,
285.0783, 289.1885

4.2122, 5.6379,
4.6836

304.7443,

1.8229, 2.6262,

340.2999, 346.6255

2.0074

361.3782,
402.2285, 411.2046

■ 0.5314, 0.9398,
0.5598

■ 0.0000, 0.0000,
0.0000

■ 62.8314, 73.0674,
71.1135

■ 62.8314, 73.0674,
71.1135

■ 55.5326, 69.5067,
61.7430

■ 71.2197, 77.1746,
81.4072

■ 49.2712, 66.4600,
53.2655

■ 80.7345, 81.8409,
92.6438

■ 44.0000, 63.9055,
45.6561

■ 87.2541, 84.9428,
104.6535

■ 39.6654, 61.8163,
38.8866

■ 87.5882, 85.0764,
106.4127

■ 36.2086, 60.1625,
32.9278

■ 33.5638, 58.9110,
27.7482

■ 31.6554, 58.0233,
23.3146

■ 30.3917, 57.4530,
19.5907

■ 29.8840, 57.2307,
17.7835

Harmonies

Analogous

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



65.1474, 73.0674, 63.4116



62.8314, 73.0674, 71.1135



62.2593, 73.0674, 81.7833

Triad

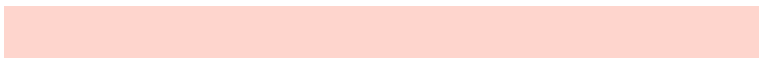
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.8314, 73.0674, 71.1135



70.2211, 73.0674, 102.8669



75.6960, 73.0674, 67.6283

Complementary

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



62.8314, 73.0674, 71.1135



65.2569, 61.8192, 74.8258

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.



77.1706, 73.0674, 77.3734



62.8314, 73.0674, 71.1135



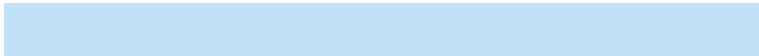
73.9346, 73.0674, 98.2360

Square

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



62.8314, 73.0674, 71.1135



66.4336, 73.0674, 100.7957



76.5143, 73.0674, 88.6458



72.5530, 73.0674, 61.5349

Rectangle

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



62.8314, 73.0674, 71.1135



62.9243, 73.0674, 89.3026



76.5143, 73.0674, 88.6458



76.4085, 73.0674, 70.5493

Sweetspot

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



62.8334, 73.0705, 71.1151



90.3688, 97.7055, 103.3174



67.4258, 75.6032, 63.8634



19.1598, 20.8234, 21.8941



0.0000, 0.0000, 0.0000



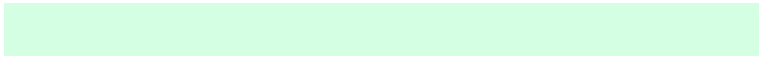
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8334, 73.0705, 71.1151



76.7327, 91.0339, 86.4988



64.9226, 73.9062, 82.1167



14.4048, 16.1754, 16.3966



16.9714, 32.4207, 10.3497



1.2975, 2.4131, 0.9933

Inverse Universe

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



65.2569, 61.8192, 74.8258



80.3112, 74.4182, 91.9769



63.2563, 61.0190, 64.2913



14.7611, 14.5216, 16.9422



21.4894, 10.7300, 16.7379



1.6322, 0.8106, 1.4697

Previews

White Background



This preview shows how the XYZ color 62.8314, 73.0674, 71.1135 looks on a white background.

Color Contrast Check

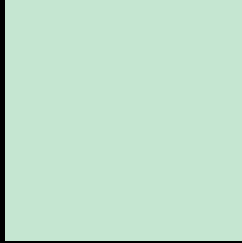
Large Text (above 18pt) WCAG AA × Fail

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 62.8314, 73.0674, 71.1135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

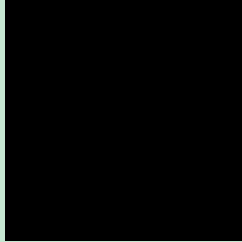
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

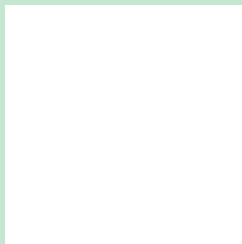
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8314, 73.0674, 71.1135

Background



This preview shows how black text looks on a background with the XYZ color 62.8314, 73.0674, 71.1135.

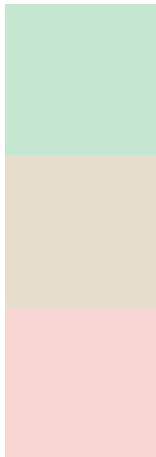


This preview shows how white text looks on a background with the XYZ color 62.8314, 73.0674,

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

62.8314, 73.0674, 71.1135

Protanopia

69.3887, 72.8955, 67.5398

Deuteranopia

74.2880, 72.6208, 72.3892



Tritanopia

67.7315, 73.0180, 95.3181

Trichromacy



Original Color

62.8314, 73.0674, 71.1135

Protanomaly

66.7097, 72.6730, 68.9038

Deuteranomaly

69.6642, 72.5476, 71.9594

Tritanomaly

65.9803, 73.1252, 86.2383

Monochromacy



Original Color

62.8314, 73.0674, 71.1135

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.9654, 70.8505, 74.5414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8314, 73.0674, 71.1135 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(197, 230, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 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(197, 230, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.8314, 73.0674, 71.1135 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(197, 230, 209) }
```


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

```
.border{ border-color:rgb(197, 230, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 230, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 230, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 230,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8314, 73.0674, 71.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 209) }
```

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

```
.background{ background-color: rgb(197,  
230, 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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