

Converting Colors

XYZ(71.8328, 83.2514, 73.9112)

Have a look what the booklet for
XYZ(71.8328, 83.2514, 73.9112)
contains.

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Color

**XYZ(71.8328, 83.2514,
73.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F3D3
RGB	215, 243, 211
RGB Percent	84%, 95%, 83%
CMY	0.1569, 0.0470, 0.1725
CMYK	0.12, 0.00, 0.13, 0.05
HSL	113°, 57%, 89%
HSV	113°, 13%, 95%
XYZ	71.8328, 83.2514, 73.9112
YIQ	230.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

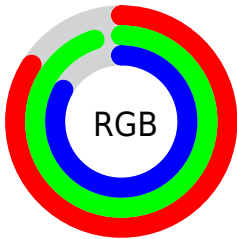
Format	Color
R_{YB}	211, 243, 239
Decimal	14152659
CIE _{Lab}	93.12, -14.92, 12.37
CIE _{LCh}	93, 19.387, 140.334
Yxy	83.2514, 0.3137, 0.3636
Android (android.graphics.Color)	4292342739 (0xFFD7F3D3)
YUV	230.9800, -9.8501, -14.0145
Hunter-Lab	91.2422, -19.1451, 15.8414

Details

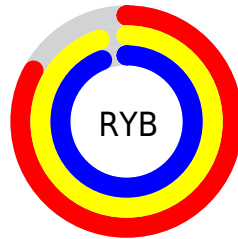
The XYZ color **71.8328, 83.2514, 73.9112** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.0719, 71.4127, 94.6256**, and the grayscale version is **76.0171, 79.9759, 87.0938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2683, 45.4145, 38.2014** is the 20% darker color. If you saturate the color by 10%, you get **63.1707, 79.1142, 58.7874**, and if you desaturate by 10%, it is **81.7715, 87.9984, 91.5022**.

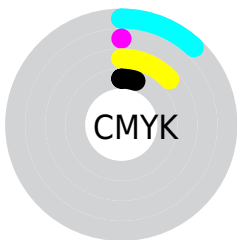
Distribution



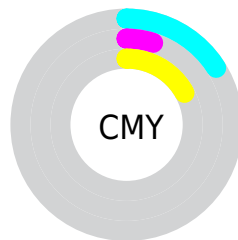
- Red (84%)
- Green (95%)
- Blue (83%)



- Red (83%)
- Yellow (95%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8328, 83.2514, 73.9112 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 71.8328, 83.2514, 73.9112 by changing the saturation by 10% instead.

71.8328, 83.2514,
73.9112

71.8328, 83.2514,
73.9112

456.1261,
505.8240, 493.3220

53.3071, 62.3976,
54.2250

120.8309,
137.9275, 126.5028

38.2764, 45.3540,
38.3872

152.0339,
172.5186, 160.2453

26.3755, 31.7364,
25.9792

188.1935,
212.4575, 199.5103

17.2389, 21.1602,
16.5824

229.6749,
258.1287, 244.7164

10.5013, 13.2412,
9.7784

276.8435,
309.9166, 296.2820

5.7974, 7.5948,
5.1486

330.0647,

2.7618, 3.8368,

368.2055, 354.6258

2.2745

389.7037,
433.3798, 420.1663

■ 1.0291, 1.5827,
0.7169

■ 0.0000, 0.3459,
0.0000

■ 71.8328, 83.2514,
73.9112

■ 71.8328, 83.2514,
73.9112

■ 63.1707, 79.1142,
58.7874

■ 81.7715, 87.9984,
91.5022

■ 55.7269, 75.5517,
46.0154

■ 91.3422, 92.5844,
107.6641

■ 49.4484, 72.5417,
35.4786

■ 44.2758, 70.0564,
27.0486

■ 40.1441, 68.0652,
20.5836

■ 36.9818, 66.5348,
15.9246

■ 34.7079, 65.4275,
12.8880

■ 33.2277, 64.6991,
11.2509

■ 32.5984, 64.3860,
10.7096

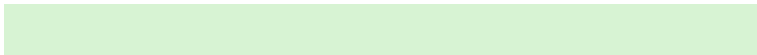
Harmonies

Analogous

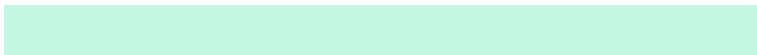
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7765, 83.2514, 66.8288



71.8328, 83.2514, 73.9112



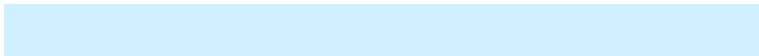
69.8694, 83.2514, 86.0227

Triad

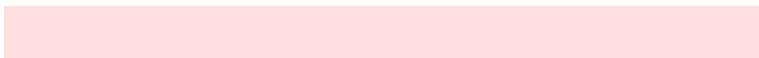
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8328, 83.2514, 73.9112



77.4965, 83.2514, 121.1706



88.6615, 83.2514, 81.2540

Complementary

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



71.8328, 83.2514, 73.9112



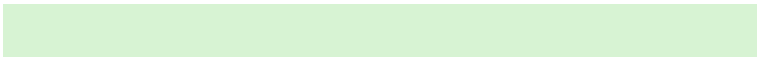
75.0719, 71.4127, 94.6256

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.



89.1704, 83.2514, 95.4333



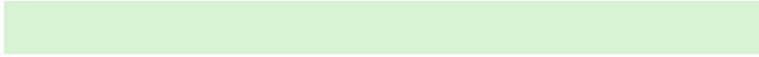
71.8328, 83.2514, 73.9112



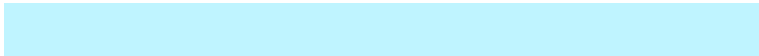
82.5768, 83.2514, 119.5417

Square

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



71.8328, 83.2514, 73.9112



73.0455, 83.2514, 113.9727



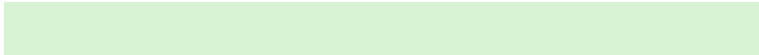
86.9010, 83.2514, 109.7348



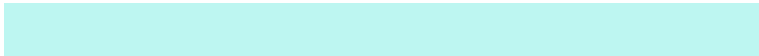
85.5390, 83.2514, 70.7424

Rectangle

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



71.8328, 83.2514, 73.9112



69.8876, 83.2514, 95.7667



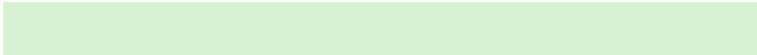
86.9010, 83.2514, 109.7348



89.1489, 83.2514, 85.7124

Sweetspot

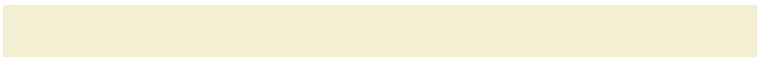
The Sweet Spot groups the original color and five complimentary colors.



71.8351, 83.2550, 73.9130



90.2431, 97.7067, 100.3292



79.5121, 85.3388, 73.9106



19.1279, 20.8236, 21.1406



0.0000, 0.0000, 0.0000



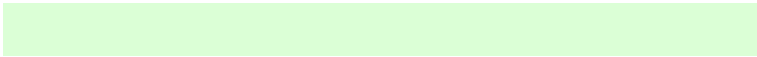
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8351, 83.2550, 73.9130



77.2265, 91.4917, 77.3417



72.2005, 83.2671, 81.8928



16.4746, 18.5712, 17.5139



17.9499, 35.3663, 5.8803



1.6378, 3.1394, 0.5196

Inverse Universe

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



75.0719, 71.4127, 94.6256



81.5362, 75.7202, 104.9258



74.7209, 71.4300, 85.6512



16.9979, 16.6571, 20.8618



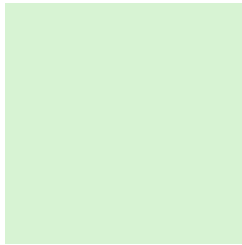
23.9601, 11.3262, 47.4614



2.1618, 1.0243, 4.1740

Previews

White Background



This preview shows how the XYZ color 71.8328, 83.2514, 73.9112 looks on a white background.

Color Contrast Check

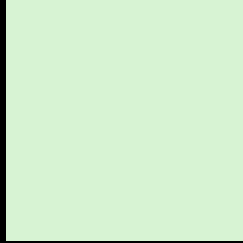
Large Text (above 18pt) WCAG AA × Fail

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 71.8328, 83.2514, 73.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

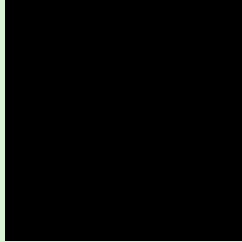
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

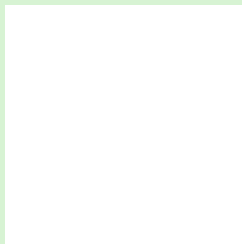
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8328, 83.2514, 73.9112

Background



This preview shows how black text looks on a background with the XYZ color 71.8328, 83.2514, 73.9112.



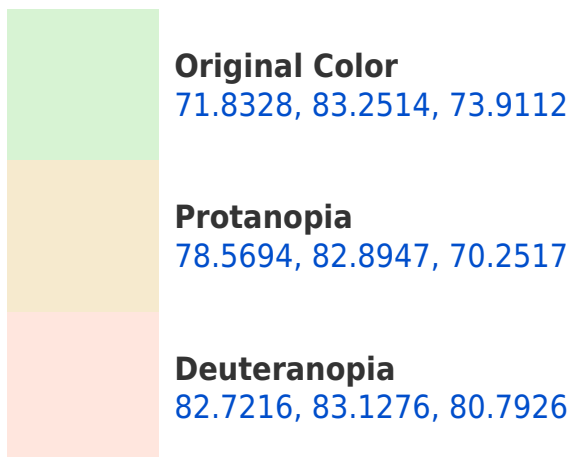
This preview shows how white text looks on a background with the XYZ color 71.8328, 83.2514,

73.9112.

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

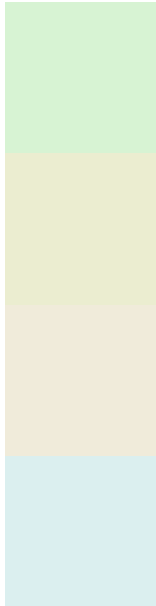




Tritanopia

78.4584, 83.3180, 106.5545

Trichromacy



Original Color

71.8328, 83.2514, 73.9112

Protanomaly

75.9303, 82.7846, 71.6516

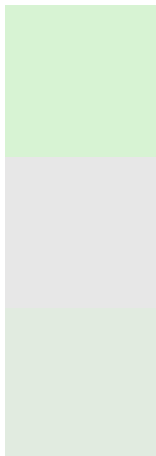
Deuteranomaly

78.2984, 83.0039, 78.2243

Tritanomaly

75.6599, 83.0251, 93.6991

Monochromacy



Original Color

71.8328, 83.2514, 73.9112

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.2142, 80.8060, 82.2066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8328, 83.2514, 73.9112 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(215, 243, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 243, 211)  
}
```

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(215, 243, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 243, 211) }
```

Border

The CSS property to change the border of an element to XYZ 71.8328, 83.2514, 73.9112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

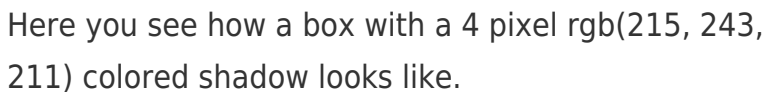
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 243, 211) }
```


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

```
.border{ border-color:rgb(215, 243, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 243, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 243, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 243, 211); box-shadow:4px 4px 4px 4px rgb(215, 243, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8328, 83.2514, 73.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 243, 211) }
```

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

```
.background{ background-color: rgb(215,  
243, 211) }
```

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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