

Converting Colors

XYZ(71.3468, 81.5512, 73.5678)

Have a look what the booklet for
XYZ(71.3468, 81.5512, 73.5678)
contains.

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Color

**XYZ(71.5332, 81.7750,
73.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F0D3
RGB	217, 240, 211
RGB Percent	85%, 94%, 83%
CMY	0.1490, 0.0588, 0.1725
CMYK	0.10, 0.00, 0.12, 0.06
HSL	108°, 49%, 88%
HSV	108°, 12%, 94%
XYZ	71.5332, 81.7750, 73.6420
YIQ	229.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

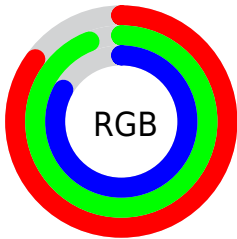
Format	Color
RYB	211, 240, 234
Decimal	14282963
CIELab	92.48, -12.76, 11.47
CIELCh	92, 17.157, 138.050
Yxy	81.7750, 0.3152, 0.3603
Android (android.graphics.Color)	4292473043 (0xFFD9F0D3)
YUV	229.8170, -9.2768, -11.2405
Hunter-Lab	90.4295, -17.0514, 15.0174

Details

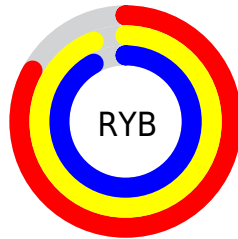
The XYZ color **71.5332, 81.7750, 73.6420** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.9574, 70.3745, 92.1807**, and the grayscale version is **75.1491, 79.0627, 86.0993**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0415, 44.3627, 38.0103** is the 20% darker color. If you saturate the color by 10%, you get **63.4110, 77.9123, 58.7109**, and if you desaturate by 10%, it is **80.7619, 86.1609, 90.9732**.

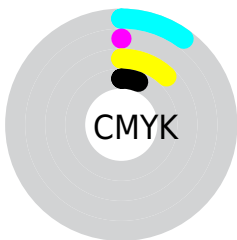
Distribution



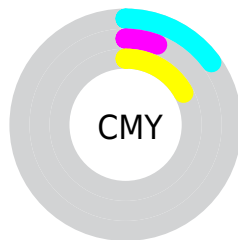
- Red (85%)
- Green (94%)
- Blue (83%)



- Red (83%)
- Yellow (94%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5332, 81.7750, 73.6420 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 71.5332, 81.7750, 73.6420 by changing the saturation by 10% instead.

71.5332, 81.7750,
73.6420

71.5332, 81.7750,
73.6420

455.0981,
500.8948, 492.3672

53.0615, 61.1801,
54.0061

120.4070,
135.8584, 126.1175

38.0796, 44.3705,
38.2133

151.5399,
170.1157, 159.7942

26.2219, 30.9619,
25.8452

187.6239,
209.6960, 198.9882

17.1233, 20.5698,
16.4831

229.0244,
254.9835, 244.1181

10.4183, 12.8099,
9.7086

276.1067,
306.3628, 295.6024

5.7416, 7.2978,
5.1031

329.2362,

2.7277, 3.6490,

364.2181, 353.8597

2.2481

388.7782,
428.9340, 419.3084

■ 1.0115, 1.4792,
0.7019

■ 0.0000, 0.2740,
0.0000

■ 71.5332, 81.7750,
73.6420

■ 71.5332, 81.7750,
73.6420

■ 63.4110, 77.9123,
58.7109

■ 80.7619, 86.1609,
90.9732

■ 56.3466, 74.5430,
46.0692

■ 90.4517, 90.8034,
107.3672

■ 50.2977, 71.6500,
35.6051

■ 45.2164, 69.2113,
27.1956

■ 41.0507, 67.2032,
20.7053

■ 37.7436, 65.5994,
15.9826

■ 35.2314, 64.3710,
12.8533

■ 33.4402, 63.4844,
11.1072

■ 32.4596, 62.9925,
10.4480

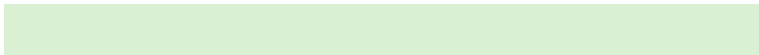
Harmonies

Analogous

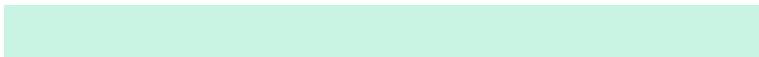
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1036, 81.7750, 67.7133



71.5332, 81.7750, 73.6420



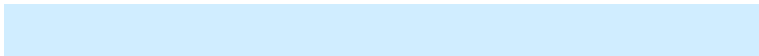
69.6507, 81.7750, 84.0608

Triad

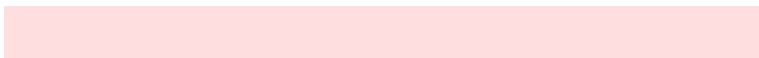
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5332, 81.7750, 73.6420



75.9664, 81.7750, 115.2288



86.1471, 81.7750, 81.6603

Complementary

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



71.5332, 81.7750, 73.6420



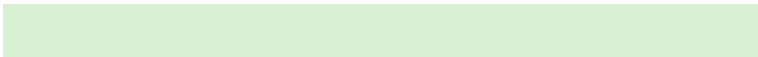
72.9574, 70.3745, 92.1807

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.



86.3997, 81.7750, 94.2101



71.5332, 81.7750, 73.6420



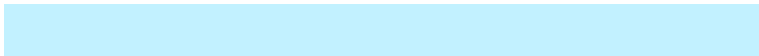
80.4060, 81.7750, 114.4292

Square

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



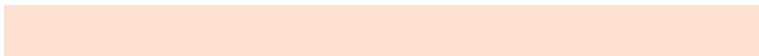
71.5332, 81.7750, 73.6420



72.1440, 81.7750, 108.5356



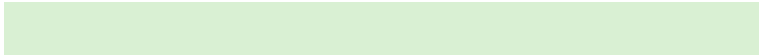
84.2635, 81.7750, 106.4453



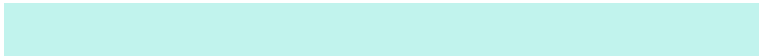
83.5860, 81.7750, 72.0294

Rectangle

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



71.5332, 81.7750, 73.6420



69.5567, 81.7750, 92.5148



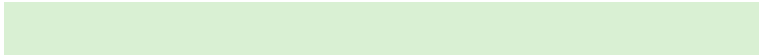
84.2635, 81.7750, 106.4453



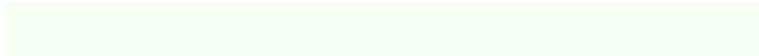
86.5083, 81.7750, 85.6515

Sweetspot

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



71.5354, 81.7785, 73.6438



90.5369, 97.8581, 100.3429



77.0387, 81.9165, 73.3804



19.2020, 20.8618, 21.1441



0.0000, 0.0000, 0.0000



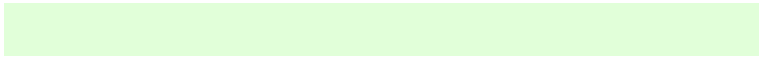
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5354, 81.7785, 73.6438



79.1979, 92.4700, 79.1496



70.8413, 81.2986, 79.1280



15.8713, 17.8138, 16.7516



17.8560, 34.5267, 5.7232



1.5652, 2.9134, 0.4798

Inverse Universe

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



72.9574, 70.3745, 92.1807



81.1873, 76.5071, 105.0961



73.7671, 70.9298, 85.9888



16.1155, 15.8567, 19.9329



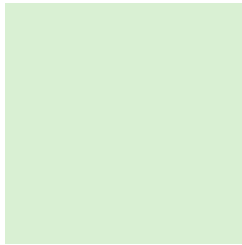
20.3970, 9.5204, 45.8905



1.7764, 0.8330, 3.8214

Previews

White Background



This preview shows how the XYZ color 71.5332, 81.7750, 73.6420 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 71.5332, 81.7750, 73.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

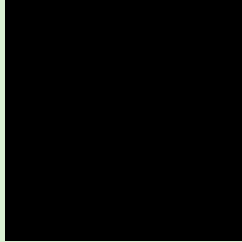
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

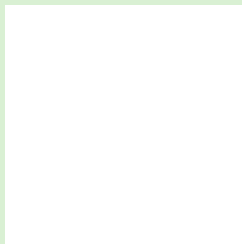
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5332, 81.7750, 73.6420

Background



This preview shows how black text looks on a background with the XYZ color 71.5332, 81.7750, 73.6420.



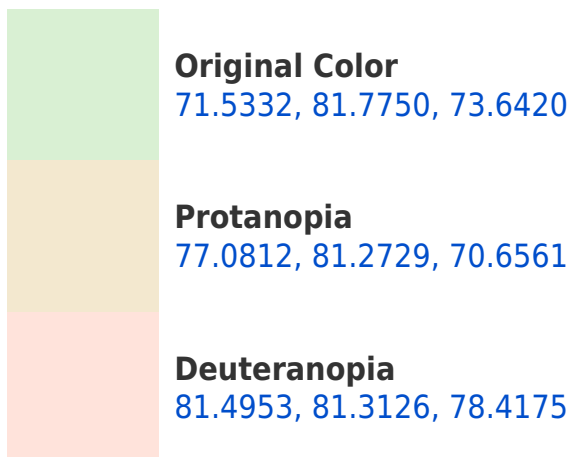
This preview shows how white text looks on a background with the XYZ color 71.5332, 81.7750,

73.6420.

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

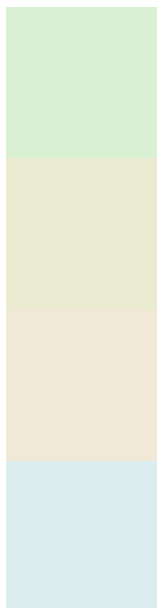




Tritanopia

77.8929, 81.7848, 104.6092

Trichromacy



Original Color

71.5332, 81.7750, 73.6420

Protanomaly

75.0252, 81.4632, 71.4442

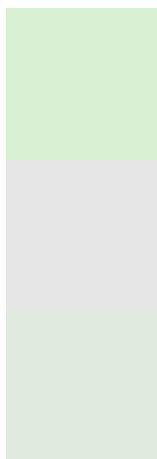
Deuteranomaly

77.5269, 81.3719, 76.5860

Tritanomaly

75.2469, 81.5361, 92.6610

Monochromacy



Original Color

71.5332, 81.7750, 73.6420

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.7934, 80.1809, 81.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5332, 81.7750, 73.6420 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(217, 240, 211)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 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(217, 240, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 211) }
```

Border

The CSS property to change the border of an element to XYZ 71.5332, 81.7750, 73.6420 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(217, 240, 211) }
```


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

```
.border{ border-color:rgb(217, 240, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 211);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5332, 81.7750, 73.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 211) }
```

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

```
.background{ background-color: rgb(217,  
240, 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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