

Converting Colors

XYZ(67.1215, 73.5836, 73.9133)

Have a look what the booklet for
XYZ(67.1215, 73.5836, 73.9133)
contains.

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Color

**XYZ(66.9382, 73.4930,
73.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E2D5
RGB	214, 226, 213
RGB Percent	84%, 89%, 84%
CMY	0.1608, 0.1137, 0.1647
CMYK	0.05, 0.00, 0.06, 0.11
HSL	115°, 18%, 86%
HSV	115°, 6%, 89%
XYZ	66.9382, 73.4930, 73.6083
YIQ	220.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

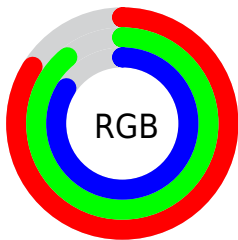
Format	Color
R_{YB}	213, 226, 225
Decimal	14082773
CIE Lab	88.68, -6.37, 4.96
CIE LCh	89, 8.067, 142.093
Yxy	73.4930, 0.3127, 0.3434
Android (android.graphics.Color)	4292272853 (0xFFD6E2D5)
YUV	220.9300, -3.9095, -6.0776
Hunter-Lab	85.7281, -10.6477, 9.1017

Details

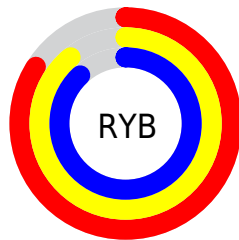
The XYZ color **66.9382, 73.4930, 73.6083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5759, 69.0890, 81.6765**, and the grayscale version is **68.7080, 72.2861, 78.7196**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0325, 38.9654, 38.0224** is the 20% darker color. If you saturate the color by 10%, you get **58.5637, 69.4866, 59.2710**, and if you desaturate by 10%, it is **76.4965, 78.0677, 90.0909**.

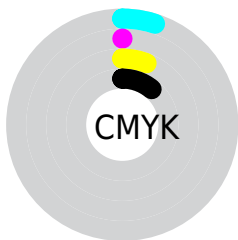
Distribution



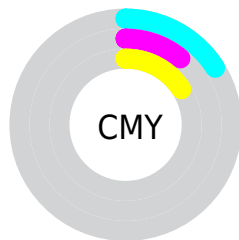
- Red (84%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9382, 73.4930, 73.6083 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 66.9382, 73.4930, 73.6083 by changing the saturation by 10% instead.

■ 66.9382, 73.4930,
73.6083

■ 66.9382, 73.4930,
73.6083

439.1607,
472.7217, 492.2476

■ 49.3049, 54.3792,
53.9787

113.8821,
124.1768, 126.0693

■ 35.0770, 38.9049,
38.1915

143.9235,
156.5156, 159.7377

■ 23.8890, 26.6857,
25.8284

178.8316,
194.0316, 198.9229

■ 15.3756, 17.3373,
16.4707

218.9718,
237.1090, 244.0432

■ 9.1714, 10.4753,
9.6999

264.7095,
286.1323, 295.5173

■ 4.9112, 5.7152,
5.0974

316.4099,

■ 2.2295, 2.6727,

341.4860, 353.7637

2.2448

374.4386,
403.5543, 419.2009

■ 0.7582, 0.9633,
0.7001

■ 0.0000, 0.0000,
0.0000

■ 66.9382, 73.4930,
73.6083

■ 66.9382, 73.4930,
73.6083

■ 58.5637, 69.4866,
59.2710

■ 76.4965, 78.0677,
90.0909

■ 51.3211, 66.0173,
46.9861

■ 86.4878, 82.8756,
106.0459

■ 45.1635, 63.0651,
36.6614

■ 40.0386, 60.6052,
28.1954

■ 35.8897, 58.6107,
21.4777

■ 32.6546, 57.0523,
16.3863

■ 30.2639, 55.8971,
12.7832

■ 28.6381, 55.1077,
10.5081

■ 27.6825, 54.6394,
9.3630

Harmonies

Analogous

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



68.4532, 73.4930, 70.4851



66.9382, 73.4930, 73.6083



66.2071, 73.4930, 78.5544

Triad

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



66.9382, 73.4930, 73.6083



69.3388, 73.4930, 91.1272



73.3823, 73.4930, 76.0530

Complementary

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



66.9382, 73.4930, 73.6083



68.5759, 69.0890, 81.6765

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.



73.6301, 73.4930, 81.5066



66.9382, 73.4930, 73.6083



71.2716, 73.4930, 90.3812

Square

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



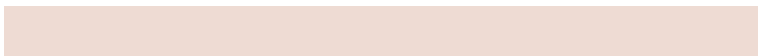
66.9382, 73.4930, 73.6083



67.5762, 73.4930, 88.7898



72.8510, 73.4930, 86.7965



72.1802, 73.4930, 71.8501

Rectangle

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



66.9382, 73.4930, 73.6083



66.2530, 73.4930, 82.2905



72.8510, 73.4930, 86.7965



73.5809, 73.4930, 77.7943

Sweetspot

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



66.9402, 73.4962, 73.6099



92.5288, 98.7939, 104.5526



70.2802, 74.7819, 73.6820



19.8314, 21.1586, 22.4241



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.



66.9402, 73.4962, 73.6099



86.5036, 95.9109, 94.1891



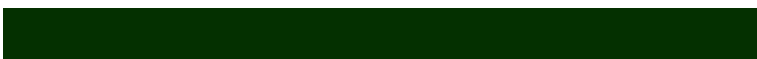
67.3488, 73.6259, 77.2796



13.9747, 15.5542, 15.1567



15.6894, 31.1207, 5.1800



1.1221, 2.1749, 0.3607

Inverse Universe

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



68.5759, 69.0890, 81.6765



89.1145, 88.8759, 107.0657



68.1565, 68.9574, 77.8364



14.4282, 14.3321, 17.3936



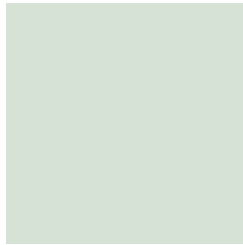
22.8174, 10.8581, 41.9416



1.6129, 0.7688, 2.9086

Previews

White Background



This preview shows how the XYZ color 66.9382, 73.4930, 73.6083 looks on a white background.

Color Contrast Check

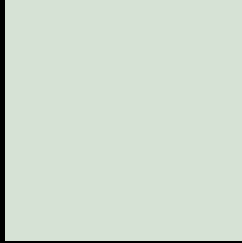
Large Text (above 18pt) WCAG AA × Fail

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 66.9382, 73.4930, 73.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

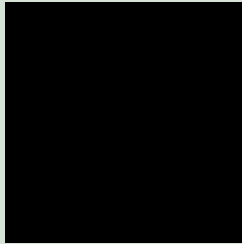
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

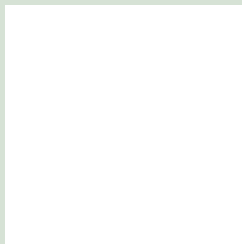
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9382, 73.4930, 73.6083

Background



This preview shows how black text looks on a background with the XYZ color 66.9382, 73.4930, 73.6083.

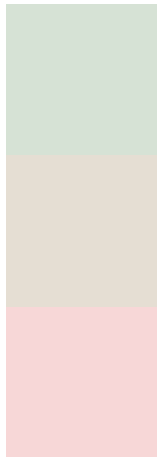


This preview shows how white text looks on a background with the XYZ color 66.9382, 73.4930,

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

66.9382, 73.4930, 73.6083

Protanopia

70.1922, 73.6037, 72.1354

Deuteranopia

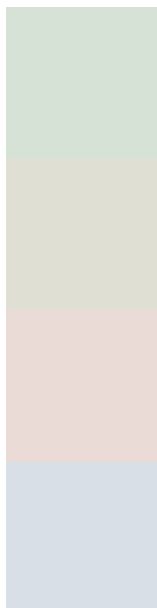
74.9240, 73.2813, 74.4858



Tritanopia

70.7629, 73.4392, 92.8837

Trichromacy



Original Color

66.9382, 73.4930, 73.6083

Protanomaly

69.0118, 73.3761, 72.8130

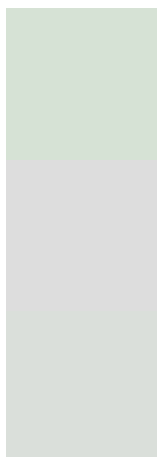
Deuteranomaly

71.7301, 73.1802, 73.9629

Tritanomaly

69.2859, 73.2402, 85.3479

Monochromacy



Original Color

66.9382, 73.4930, 73.6083

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9560, 72.7427, 76.7888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9382, 73.4930, 73.6083 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(214, 226, 213) looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 213)  
}
```

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(214, 226, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 213) }
```

Border

The CSS property to change the border of an element to XYZ 66.9382, 73.4930, 73.6083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

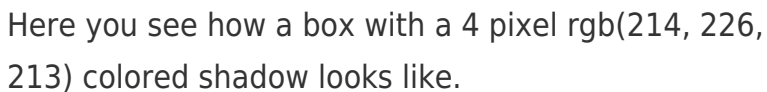
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 226, 213) }
```


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

```
.border{ border-color:rgb(214, 226, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 226, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 226, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 226, 213); box-shadow:4px 4px 4px 4px rgb(214, 226, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9382, 73.4930, 73.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 213) }
```

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

```
.background{ background-color: rgb(214,  
226, 213) }
```

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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