

Converting Colors

XYZ(66.8689, 73.4989, 72.6536)

Have a look what the booklet for
XYZ(66.8689, 73.4989, 72.6536)
contains.

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Color

**XYZ(66.8116, 73.4423,
72.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E2D4
RGB	214, 226, 212
RGB Percent	84%, 89%, 83%
CMY	0.1608, 0.1137, 0.1686
CMYK	0.05, 0.00, 0.06, 0.11
HSL	111°, 19%, 86%
HSV	111°, 6%, 89%
XYZ	66.8116, 73.4423, 72.9418
YIQ	220.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

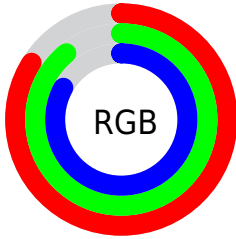
Format	Color
RYB	212, 226, 224
Decimal	14082772
CIELab	88.66, -6.54, 5.45
CIELCh	89, 8.512, 140.223
Yxy	73.4423, 0.3134, 0.3445
Android (android.graphics.Color)	4292272852 (0xFFD6E2D4)
YUV	220.8160, -4.3463, -5.9776
Hunter-Lab	85.6985, -10.8115, 9.5246

Details

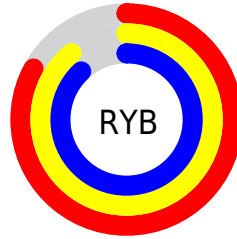
The XYZ color **66.8116, 73.4423, 72.9418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0142, 68.4272, 81.5783**, and the grayscale version is **68.6308, 72.2049, 78.6312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9468, 38.9311, 37.5708** is the 20% darker color. If you saturate the color by 10%, you get **58.8365, 69.6398, 58.7136**, and if you desaturate by 10%, it is **75.8624, 77.7575, 89.3066**.

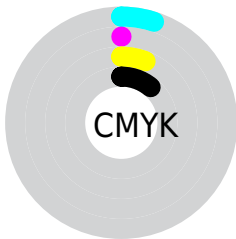
Distribution



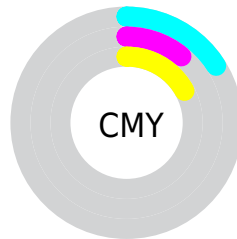
- Red (84%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (88%)



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



- Cyan (16%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8116, 73.4423, 72.9418 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 66.8116, 73.4423, 72.9418 by changing the saturation by 10% instead.

66.8116, 73.4423,
72.9418

66.8116, 73.4423,
72.9418

438.7169,
472.5463, 489.8784

49.2017, 54.3377,
53.4368

113.7017,
124.1049, 125.1147

34.9947, 38.8717,
37.7615

143.7126,
156.4317, 158.6198

23.8253, 26.6599,
25.4972

178.5878,
193.9347, 197.6286

15.3281, 17.3180,
16.2255

218.6928,
236.9983, 242.5598

9.1378, 10.4615,
9.5278

264.3928,
286.0068, 293.8318

4.8890, 5.7060,
4.9855

316.0533,

2.2164, 2.6671,

341.3448, 351.8632

2.1802

374.0395,
403.3965, 417.0726

■ 0.7513, 0.9605,
0.6629

■ 0.0000, 0.0000,
0.0000

■ 66.8116, 73.4423,
72.9418

■ 66.8116, 73.4423,
72.9418

■ 58.8365, 69.6398,
58.7136

■ 75.8624, 77.7575,
89.3066

■ 51.8910, 66.3217,
46.5291

■ 85.6639, 82.4508,
106.0074

■ 45.9347, 63.4715,
36.2960

■ 86.4878, 82.8755,
106.0459

■ 40.9222, 61.0678,
27.9130

■ 36.8044, 59.0878,
21.2694

■ 33.5277, 57.5064,
16.2431

■ 31.0329, 56.2962,
12.6959

■ 29.2524, 55.4259,
10.4665

■ 28.1062, 54.8584,
9.3543

Harmonies

Analogous

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



68.4477, 73.4423, 69.8099



66.8116, 73.4423, 72.9418



65.9825, 73.4423, 78.0597

Triad

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



66.8116, 73.4423, 72.9418



69.1358, 73.4423, 91.6453



73.5787, 73.4423, 76.1177

Complementary

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



66.8116, 73.4423, 72.9418



68.0142, 68.4272, 81.5783

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.



73.7718, 73.4423, 81.9035



66.8116, 73.4423, 72.9418



71.1796, 73.4423, 91.0626

Square

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



66.8116, 73.4423, 72.9418



67.3069, 73.4423, 88.9829



72.8859, 73.4423, 87.4276



72.3636, 73.4423, 71.5802

Rectangle

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



66.8116, 73.4423, 72.9418



65.9876, 73.4423, 81.9915



72.8859, 73.4423, 87.4276



73.7662, 73.4423, 77.9745

Sweetspot

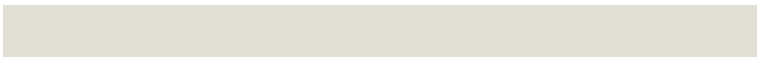
The Sweet Spot groups the original color and five complimentary colors.



66.8136, 73.4455, 72.9434



92.6495, 98.8561, 104.5583



69.8796, 74.1832, 72.9242



19.8560, 21.1713, 22.4252



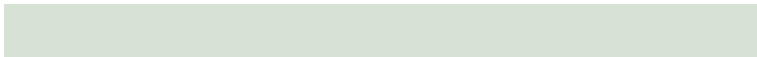
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.8136, 73.4455, 72.9434



86.9011, 96.1158, 94.2078



66.8614, 73.3975, 76.2226



14.0435, 15.5897, 15.1599



15.9196, 31.2394, 5.1908



1.1621, 2.1955, 0.3625

Inverse Universe

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



68.0142, 68.4272, 81.5783



88.6860, 88.6550, 107.0456



67.9746, 68.4834, 78.1152



14.3536, 14.2936, 17.3901



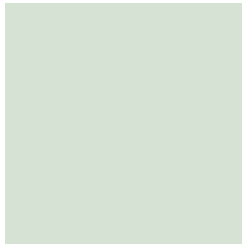
20.5611, 9.6950, 41.8360



1.4786, 0.6995, 2.9023

Previews

White Background



This preview shows how the XYZ color 66.8116, 73.4423, 72.9418 looks on a white background.

Color Contrast Check

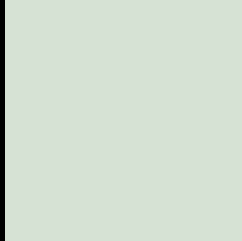
Large Text (above 18pt) WCAG AA × Fail

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 66.8116, 73.4423, 72.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

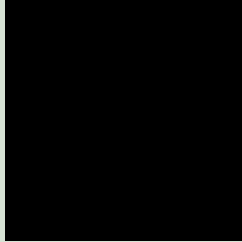
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

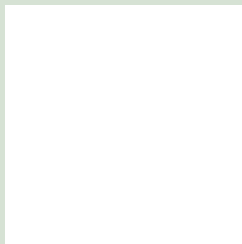
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8116, 73.4423, 72.9418

Background



This preview shows how black text looks on a background with the XYZ color 66.8116, 73.4423, 72.9418.



This preview shows how white text looks on a background with the XYZ color 66.8116, 73.4423,

72.9418.

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

66.8116, 73.4423, 72.9418

Protanopia

69.8024, 73.0241, 71.3888

Deuteranopia

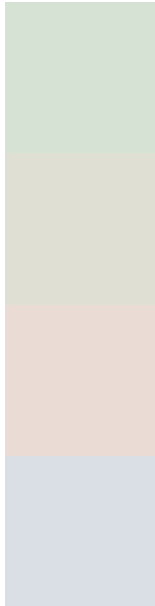
74.7958, 73.2301, 73.8110



Tritanopia

70.6147, 73.3800, 92.1033

Trichromacy



Original Color

66.8116, 73.4423, 72.9418

Protanomaly

68.8860, 73.3258, 72.1506

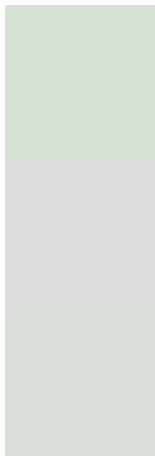
Deuteranomaly

71.6027, 73.1293, 73.2923

Tritanomaly

69.1458, 73.1842, 84.6103

Monochromacy



Original Color

66.8116, 73.4423, 72.9418

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 66.8116, 73.4423, 72.9418 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, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 212) }
```

Border

The CSS property to change the border of an element to XYZ 66.8116, 73.4423, 72.9418 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, 212) }
```


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

```
.border{ border-color:rgb(214, 226, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8116, 73.4423, 72.9418 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, 212) }
```

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

```
.background{ background-color: rgb(214,  
226, 212) }
```

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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