

Converting Colors

XYZ(66.5311, 73.7974, 68.0271)

Have a look what the booklet for
XYZ(66.5311, 73.7974, 68.0271)
contains.

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Color

**XYZ(66.3925, 73.7449,
67.8617)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E3CC
RGB	215, 227, 204
RGB Percent	84%, 89%, 80%
CMY	0.1569, 0.1098, 0.2000
CMYK	0.05, 0.00, 0.10, 0.11
HSL	91°, 29%, 85%
HSV	91°, 10%, 89%
XYZ	66.3925, 73.7449, 67.8617
YIQ	220.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

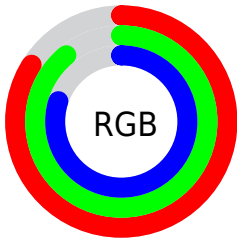
Format	Color
R _Y B	204, 227, 216
Decimal	14148556
CIE Lab	88.80, -8.09, 9.85
CIE LCh	89, 12.751, 129.392
Yxy	73.7449, 0.3192, 0.3545
Android (android.graphics.Color)	4292338636 (0xFFD7E3CC)
YUV	220.7900, -8.2775, -5.0778
Hunter-Lab	85.8749, -12.2771, 13.2591

Details

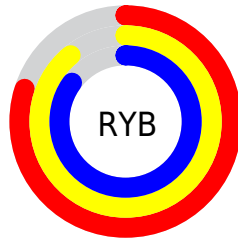
The XYZ color **66.3925, 73.7449, 67.8617** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7799, 63.3328, 81.5398**, and the grayscale version is **68.6378, 72.2123, 78.6392**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7547, 39.1806, 34.5850** is the 20% darker color. If you saturate the color by 10%, you get **60.5128, 71.0080, 54.3948**, and if you desaturate by 10%, it is **72.9250, 76.7768, 83.4337**.

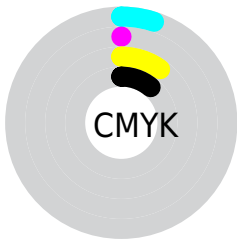
Distribution



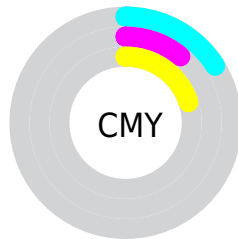
- Red (84%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3925, 73.7449, 67.8617 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 66.3925, 73.7449, 67.8617 by changing the saturation by 10% instead.

■ 66.3925, 73.7449,
67.8617

■ 66.3925, 73.7449,
67.8617

437.2458,
473.5925, 471.5906

■ 48.8600, 54.5853,
49.3192

113.1041,
124.5341, 117.8066

■ 34.7225, 39.0698,
34.5054

143.0139,
156.9325, 150.0462

■ 23.6147, 26.8140,
23.0016

177.7801,
194.5126, 187.6885

■ 15.1712, 17.4336,
14.3894

217.7682,
237.6588, 231.1521

■ 9.0267, 10.5441,
8.2502

263.3435,
286.7555, 280.8556

■ 4.8159, 5.7612,
4.1654

314.8712,

■ 2.1733, 2.7004,

342.1871, 337.2175

1.7165

372.7169,
404.3379, 400.6563

■ 0.7286, 0.9774,
0.3720

■ 0.0000, 0.0000,
0.0000

■ 66.3925, 73.7449,
67.8617

■ 66.3925, 73.7449,
67.8617

■ 60.5128, 71.0080,
54.3948

■ 72.9250, 76.7768,
83.4337

■ 55.2576, 68.5469,
42.9380

■ 80.1255, 80.1032,
101.1907

■ 50.6049, 66.3548,
33.3960

■ 85.1385, 82.5849,
106.0609

■ 46.5294, 64.4207,
25.6639

■ 86.7606, 83.4211,
106.1369

■ 43.0033, 62.7329,
19.6268

■ 39.9962, 61.2785,
15.1566

■ 37.4740, 60.0432,
12.1069

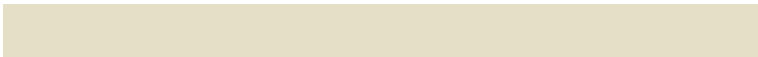
■ 35.3972, 59.0103,
10.3038

■ 33.7213, 58.1635,
9.4494

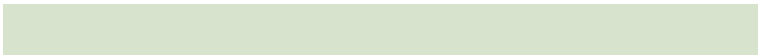
Harmonies

Analogous

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



69.1281, 73.7449, 64.6649



66.3925, 73.7449, 67.8617



64.6820, 73.7449, 74.4598

Triad

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



66.3925, 73.7449, 67.8617



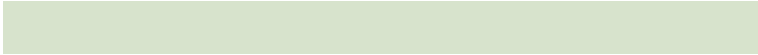
68.0238, 73.7449, 97.2813



76.1130, 73.7449, 77.5534

Complementary

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



66.3925, 73.7449, 67.8617



63.7799, 63.3328, 81.5398

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.



75.7962, 73.7449, 86.4288



66.3925, 73.7449, 67.8617



71.0654, 73.7449, 98.2618

Square

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



66.3925, 73.7449, 67.8617



65.6045, 73.7449, 91.5741



73.9271, 73.7449, 94.1626



74.7803, 73.7449, 69.9835

Rectangle

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



66.3925, 73.7449, 67.8617



64.3230, 73.7449, 80.1154



73.9271, 73.7449, 94.1626



76.1967, 73.7449, 80.4762

Sweetspot

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



66.3945, 73.7481, 67.8633



92.3891, 98.7677, 102.4738



67.1065, 69.7453, 67.0532



19.6257, 21.0711, 21.5753



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.



66.3945, 73.7481, 67.8633



84.8761, 95.2798, 84.7232



63.3182, 72.1569, 67.9597



14.8417, 16.4255, 15.2926



19.7983, 33.9879, 5.5168



1.5698, 2.5666, 0.4127

Inverse Universe

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



63.7799, 63.3328, 81.5398



80.8737, 79.3364, 105.6587



67.0865, 65.0436, 81.4186



14.2969, 14.2553, 18.1423



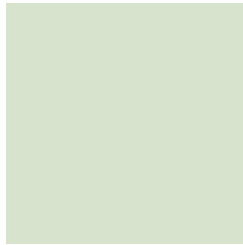
12.6155, 5.5694, 42.7933



1.0394, 0.4668, 3.1673

Previews

White Background



This preview shows how the XYZ color 66.3925, 73.7449, 67.8617 looks on a white background.

Color Contrast Check

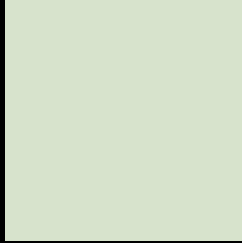
Large Text (above 18pt) WCAG AA × Fail

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 66.3925, 73.7449, 67.8617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

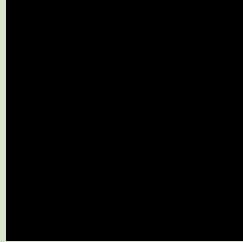
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

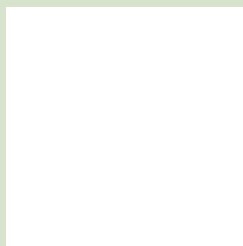
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3925, 73.7449, 67.8617

Background



This preview shows how black text looks on a background with the XYZ color 66.3925, 73.7449, 67.8617.



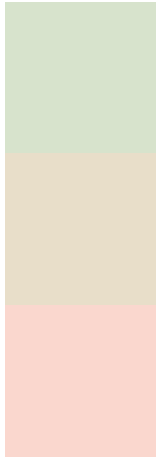
This preview shows how white text looks on a background with the XYZ color 66.3925, 73.7449,

67.8617.

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

66.3925, 73.7449, 67.8617

Protanopia

69.9426, 73.6154, 65.7812

Deuteranopia

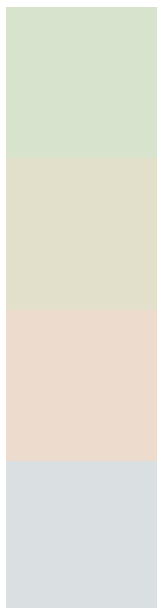
74.8654, 73.3811, 68.6107



Tritanopia

71.2165, 73.6902, 92.1315

Trichromacy



Original Color

66.3925, 73.7449, 67.8617

Protanomaly

68.6804, 73.7443, 66.4914

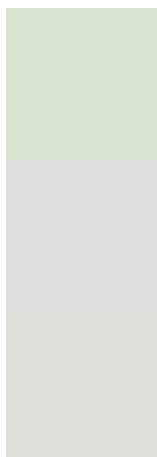
Deuteranomaly

71.2760, 73.0753, 68.1059

Tritanomaly

69.2966, 73.7077, 82.5262

Monochromacy



Original Color

66.3925, 73.7449, 67.8617

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.8668, 72.7417, 74.7536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3925, 73.7449, 67.8617 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, 227, 204) looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 204)  
}
```

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, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 204) }
```

Border

The CSS property to change the border of an element to XYZ 66.3925, 73.7449, 67.8617 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, 227, 204) }
```


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

```
.border{ border-color:rgb(215, 227, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 227, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3925, 73.7449, 67.8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 204) }
```

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

```
.background{ background-color: rgb(215,  
227, 204) }
```

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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