

Converting Colors

XYZ(66.4466, 72.9000, 66.6203)

Have a look what the booklet for
XYZ(66.4466, 72.9000, 66.6203)
contains.

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Color

**XYZ(66.4993, 73.0201,
66.4665)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE1CA
RGB	218, 225, 202
RGB Percent	85%, 88%, 79%
CMY	0.1451, 0.1176, 0.2078
CMYK	0.03, 0.00, 0.10, 0.12
HSL	78°, 28%, 84%
HSV	78°, 10%, 88%
XYZ	66.4993, 73.0201, 66.4665
YIQ	220.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

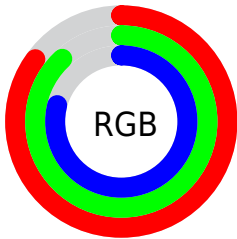
Format	Color
R_{YB}	202, 225, 209
Decimal	14344650
CIE _{Lab}	88.46, -6.37, 10.44
CIE _{LCh}	88, 12.229, 121.390
Yxy	73.0201, 0.3228, 0.3545
Android (android.graphics.Color)	4292534730 (0xFFDAE1CA)
YUV	220.2850, -9.0145, -2.0039
Hunter-Lab	85.4518, -10.6305, 13.6990

Details

The XYZ color **66.4993, 73.0201, 66.4665** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0085, 61.2346, 79.8420**, and the grayscale version is **68.2876, 71.8439, 78.2380**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8243, 38.6741, 33.6464** is the 20% darker color. If you saturate the color by 10%, you get **62.0211, 70.9994, 53.3494**, and if you desaturate by 10%, it is **71.4547, 75.2463, 81.6366**.

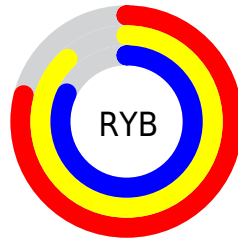
Distribution



Red (85%)

Green (88%)

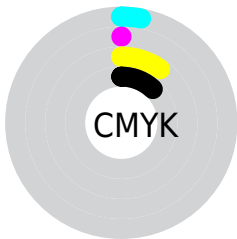
Blue (79%)



Red (79%)

Yellow (88%)

Blue (82%)

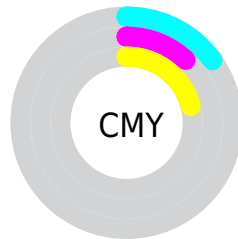


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (15%)

Magenta (12%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4993, 73.0201, 66.4665 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 66.4993, 73.0201, 66.4665 by changing the saturation by 10% instead.

■ 66.4993, 73.0201,
66.4665

■ 66.4993, 73.0201,
66.4665

437.6210,
471.0845, 466.4931

■ 48.9470, 53.9924,
48.1923

113.2564,
123.5057, 115.7890

■ 34.7918, 38.5956,
33.6181

143.1920,
155.7325, 147.6744

■ 23.6683, 26.4453,
22.3254

177.9861,
193.1277, 184.9340

■ 15.2112, 17.1570,
13.8956

218.0039,
236.0757, 227.9862

■ 9.0550, 10.3465,
7.9102

263.6110,
284.9610, 277.2497

■ 4.8345, 5.6293,
3.9506

315.1727,

■ 2.1842, 2.6210,

340.1680, 333.1430

1.5983

373.0542,
402.0810, 396.0846

■ 0.7344, 0.9372,
0.2896

■ 0.0000, 0.0000,
0.0000

■ 66.4993, 73.0201,
66.4665

■ 66.4993, 73.0201,
66.4665

■ 62.0211, 70.9994,
53.3494

■ 71.4547, 75.2463,
81.6366

■ 57.9963, 69.1673,
42.1925

■ 76.8981, 77.6751,
98.9378

■ 54.4081, 67.5194,
32.9025

■ 80.4230, 79.3466,
105.6844

■ 51.2358, 66.0473,
25.3771

■ 82.7745, 80.5589,
105.7945

■ 48.4571, 64.7419,
19.5039

■ 85.2146, 81.8168,
105.9087

■ 46.0471, 63.5933,
15.1577

■ 86.2167, 82.3333,
105.9556

■ 43.9776, 62.5898,
12.1954

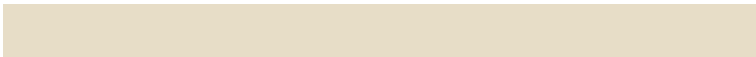
■ 42.2150, 61.7181,
10.4467

■ 40.7327, 60.9706,
9.6217

Harmonies

Analogous

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



69.2664, 73.0201, 64.3892



66.4993, 73.0201, 66.4665



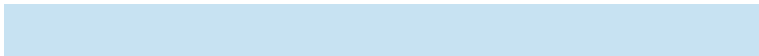
64.5561, 73.0201, 72.0003

Triad

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



66.4993, 73.0201, 66.4665



66.7304, 73.0201, 94.5896



75.2119, 73.0201, 79.1143

Complementary

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



66.4993, 73.0201, 66.4665



61.0085, 61.2346, 79.8420

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.



74.4875, 73.0201, 87.5170



66.4993, 73.0201, 66.4665



69.5407, 73.0201, 96.8221

Square

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



66.4993, 73.0201, 66.4665



64.6869, 73.0201, 88.2443



72.3909, 73.0201, 94.1493



74.3438, 73.0201, 71.3654

Rectangle

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



66.4993, 73.0201, 66.4665



63.9607, 73.0201, 77.1062



72.3909, 73.0201, 94.1493



75.1465, 73.0201, 81.9560

Sweetspot

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



66.5013, 73.0233, 66.4681



92.9908, 99.0779, 102.5019



64.4905, 65.8260, 65.1848



19.7882, 21.1549, 21.5829



0.0000, 0.0000, 0.0000



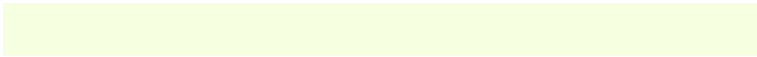
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5013, 73.0233, 66.4681



87.1637, 96.4590, 84.8302



63.2087, 71.3259, 66.3140



14.4443, 15.8092, 14.5970



23.5948, 35.1961, 5.5499



1.7252, 2.4859, 0.3889

Inverse Universe

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



61.0085, 61.2346, 79.8420



78.6522, 78.1912, 105.5547



64.3501, 62.9573, 79.9984



13.3426, 13.4446, 17.2795



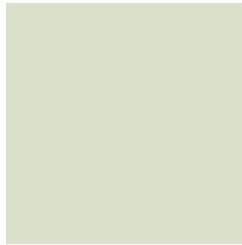
9.3301, 3.9052, 41.3104



0.7358, 0.3166, 2.8676

Previews

White Background



This preview shows how the XYZ color 66.4993, 73.0201, 66.4665 looks on a white background.

Color Contrast Check

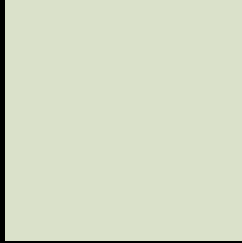
Large Text (above 18pt) WCAG AA × Fail

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 66.4993, 73.0201, 66.4665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

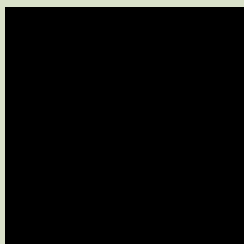
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

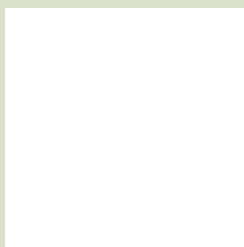
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4993, 73.0201, 66.4665

Background



This preview shows how black text looks on a background with the XYZ color 66.4993, 73.0201, 66.4665.



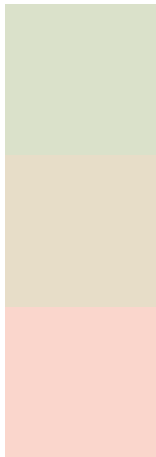
This preview shows how white text looks on a background with the XYZ color 66.4993, 73.0201, 66.4665.

66.4665.

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

66.4993, 73.0201, 66.4665

Protanopia

69.2368, 72.8720, 65.0601

Deuteranopia

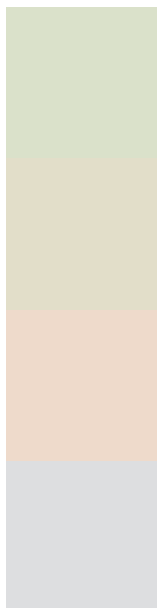
74.3700, 72.7768, 67.2543



Tritanopia

71.3107, 72.9888, 90.4505

Trichromacy



Original Color

66.4993, 73.0201, 66.4665

Protanomaly

68.0279, 72.6283, 65.6916

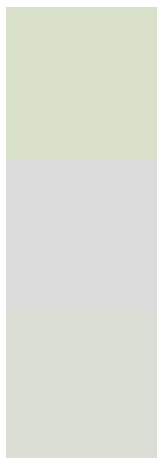
Deuteranomaly

71.1108, 72.6317, 66.7713

Tritanomaly

69.3946, 72.9965, 80.9533

Monochromacy



Original Color

66.4993, 73.0201, 66.4665

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3449, 72.1067, 73.3193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4993, 73.0201, 66.4665 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(218, 225, 202) looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 202)  
}
```

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(218, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 202) }
```

Border

The CSS property to change the border of an element to XYZ 66.4993, 73.0201, 66.4665 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(218, 225, 202) }
```


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

```
.border{ border-color:rgb(218, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4993, 73.0201, 66.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 202) }
```

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

```
.background{ background-color: rgb(218,  
225, 202) }
```

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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