

Converting Colors

XYZ(67.4462, 73.4669, 66.8940)

Have a look what the booklet for
XYZ(67.4462, 73.4669, 66.8940)
contains.

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Color

**XYZ(67.5235, 73.5344,
67.1346)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DDE1CB |
| RGB | 221, 225, 203 |
| RGB Percent | 87%, 88%, 80% |
| CMY | 0.1333, 0.1176, 0.2039 |
| CMYK | 0.02, 0.00, 0.10, 0.12 |
| HSL | 71°, 27%, 84% |
| HSV | 71°, 10%, 88% |
| XYZ | 67.5235, 73.5344, 67.1346 |
| YIQ | 221.2960, 4.6780, -7.6900 |

Conversions

Conversions Part 2

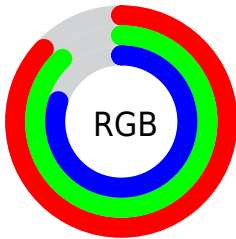
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 203, 225, 207 |
| Decimal | 14541259 |
| CIE Lab | 88.70, -5.16, 10.29 |
| CIE LCh | 89, 11.514, 116.608 |
| Yxy | 73.5344, 0.3243, 0.3532 |
| Android (android.graphics.Color) | 4292731339 (0xFFDDE1CB) |
| YUV | 221.2960, -9.0199, -0.2596 |
| Hunter-Lab | 85.7522, -9.5108, 13.6090 |

Details

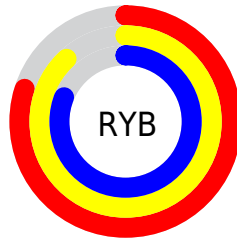
The XYZ color **67.5235, 73.5344, 67.1346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6816, 61.4155, 79.8942**, and the grayscale version is **68.9960, 72.5892, 79.0496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5254, 39.0264, 34.0942** is the 20% darker color. If you saturate the color by 10%, you get **63.8035, 71.9065, 53.9647**, and if you desaturate by 10%, it is **71.6672, 75.3401, 82.3588**.

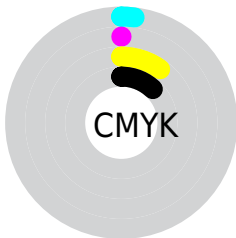
Distribution



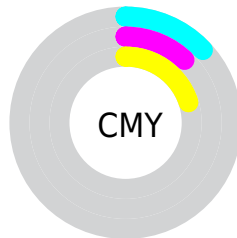
- Red (87%)
- Green (88%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5235, 73.5344, 67.1346 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 67.5235, 73.5344, 67.1346 by changing the saturation by 10% instead.

67.5235, 73.5344,
67.1346

67.5235, 73.5344,
67.1346

441.2091,
472.8649, 468.9383

49.7824, 54.4130,
48.7317

114.7159,
124.2356, 116.7557

35.4577, 38.9320,
34.0426

144.8979,
156.5842, 148.8111

24.1838, 26.7068,
22.6487

179.9576,
194.1106, 186.2544

15.5955, 17.3532,
14.1315

220.2604,
237.1994, 229.5041

9.3274, 10.4866,
8.0724

266.1716,
286.2348, 278.9788

5.0142, 5.7228,
4.0529

318.0565,

2.2904, 2.6772,

341.6012, 335.0970

1.6544

376.2806,
403.6831, 398.2773

■ 0.7898, 0.9657,
0.3292

■ 0.0000, 0.0000,
0.0000

■ 67.5235, 73.5344,
67.1346

■ 67.5235, 73.5344,
67.1346

■ 63.8035, 71.9065,
53.9647

■ 71.6672, 75.3401,
82.3588

■ 60.4841, 70.4400,
42.7564

■ 76.2444, 77.3203,
99.7150

■ 57.5495, 69.1308,
33.4171

■ 78.6743, 78.4452,
105.6026

■ 54.9798, 67.9710,
25.8446

■ 80.0290, 79.1435,
105.6660

■ 52.7538, 66.9521,
19.9272

■ 81.4149, 79.8580,
105.7308

■ 50.8474, 66.0645,
15.5404

■ 82.8322, 80.5887,
105.7972

■ 49.2336, 65.2972,
12.5419

■ 84.2812, 81.3356,
105.8650

■ 47.8800, 64.6374,
10.7632

■ 85.7621, 82.0990,
105.9343

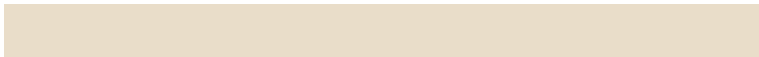
■ 46.7318, 64.0630,
9.9166

■ 86.2167, 82.3334,
105.9556

Harmonies

Analogous

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



70.2092, 73.5344, 65.7256



67.5235, 73.5344, 67.1346



65.5202, 73.5344, 71.9270

Triad

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



67.5235, 73.5344, 67.1346



66.9892, 73.5344, 93.5516



75.3696, 73.5344, 80.9763

Complementary

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



67.5235, 73.5344, 67.1346



60.6816, 61.4155, 79.8942

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.



74.4546, 73.5344, 88.7979



67.5235, 73.5344, 67.1346



69.5762, 73.5344, 96.3549

Square

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



67.5235, 73.5344, 67.1346



65.2175, 73.5344, 87.1264



72.3157, 73.5344, 94.5607



74.7852, 73.5344, 73.3986

Rectangle

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



67.5235, 73.5344, 67.1346



64.8162, 73.5344, 76.5702



72.3157, 73.5344, 94.5607



75.2266, 73.5344, 83.6676

Sweetspot

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



67.5255, 73.5376, 67.1362



93.3322, 99.2539, 102.5179



64.0655, 64.7857, 65.6293



19.8806, 21.2025, 21.5872



0.0000, 0.0000, 0.0000



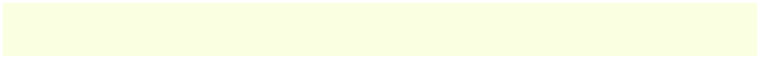
20.3446, 21.4041, 23.3091

Same Dimension

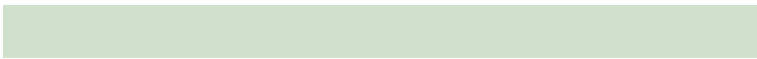
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5255, 73.5376, 67.1362



88.4896, 97.1426, 84.8923



64.3806, 71.9163, 66.9890



14.6143, 15.8969, 14.6049



27.0047, 36.9539, 5.7095



1.9363, 2.5947, 0.3988

Inverse Universe

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



60.6816, 61.4155, 79.8942



77.4364, 77.5644, 105.4978



63.7628, 63.0040, 80.0384



13.1836, 13.3627, 17.2721



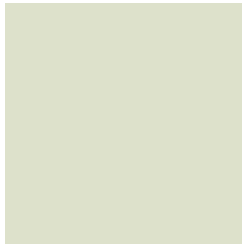
8.4279, 3.4400, 41.2682



0.6532, 0.2740, 2.8637

Previews

White Background



This preview shows how the XYZ color 67.5235, 73.5344, 67.1346 looks on a white background.

Color Contrast Check

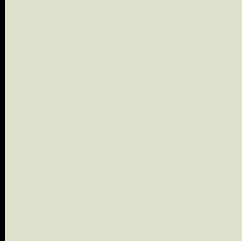
Large Text (above 18pt) WCAG AA × Fail

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 67.5235, 73.5344, 67.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

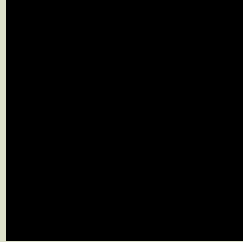
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

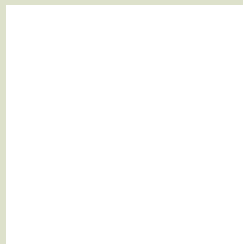
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5235, 73.5344, 67.1346

Background



This preview shows how black text looks on a background with the XYZ color 67.5235, 73.5344, 67.1346.



This preview shows how white text looks on a background with the XYZ color 67.5235, 73.5344,

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

67.5235, 73.5344, 67.1346

Protanopia

69.6189, 73.4485, 65.7660

Deuteranopia

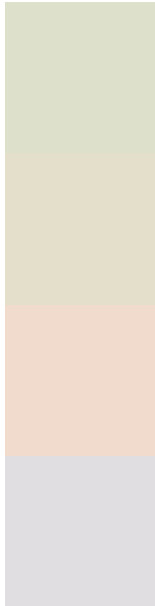
75.1035, 73.5179, 67.9896



Tritanopia

72.2433, 73.4696, 90.4942

Trichromacy



Original Color

67.5235, 73.5344, 67.1346

Protanomaly

68.7269, 73.3705, 66.4167

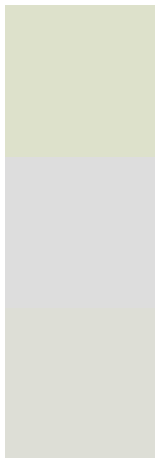
Deuteranomaly

72.1658, 73.5479, 67.5194

Tritanomaly

70.4524, 73.5261, 81.7129

Monochromacy



Original Color

67.5235, 73.5344, 67.1346

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0777, 72.4697, 74.0183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5235, 73.5344, 67.1346 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(221, 225, 203) looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 203)  
}
```

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(221, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 203) }
```

Border

The CSS property to change the border of an element to XYZ 67.5235, 73.5344, 67.1346 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(221, 225, 203) }
```


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

```
.border{ border-color:rgb(221, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5235, 73.5344, 67.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 203) }
```

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

```
.background{ background-color: rgb(221,  
225, 203) }
```

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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