

Converting Colors

XYZ(65.2888, 73.2453, 74.4091)

Have a look what the booklet for
XYZ(65.2888, 73.2453, 74.4091)
contains.

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Color

**XYZ(65.3346, 73.4637,
74.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE4D6
RGB	206, 228, 214
RGB Percent	81%, 89%, 84%
CMY	0.1922, 0.1059, 0.1608
CMYK	0.10, 0.00, 0.06, 0.11
HSL	142°, 29%, 85%
HSV	142°, 10%, 89%
XYZ	65.3346, 73.4637, 74.3547
YIQ	219.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

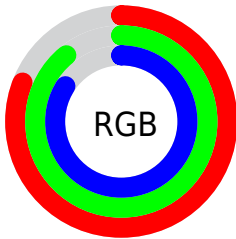
Format	Color
R _Y B	206, 222, 228
Decimal	13558998
CIE Lab	88.67, -9.89, 4.34
CIE LCh	89, 10.797, 156.294
Yxy	73.4637, 0.3065, 0.3447
Android (android.graphics.Color)	4291749078 (0xFFCEE4D6)
YUV	219.8260, -2.8722, -12.1254
Hunter-Lab	85.7110, -13.9296, 8.5633

Details

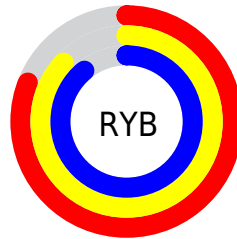
The XYZ color **65.3346, 73.4637, 74.3547** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9872, 65.8057, 76.8848**, and the grayscale version is **67.9316, 71.4694, 77.8301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1505, 39.0657, 38.5414** is the 20% darker color. If you saturate the color by 10%, you get **57.6870, 69.7280, 64.7506**, and if you desaturate by 10%, it is **74.0696, 77.7451, 84.8746**.

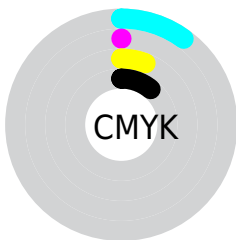
Distribution



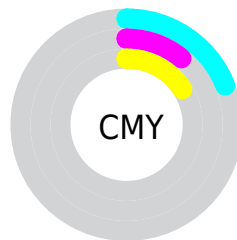
- Red (81%)
- Green (89%)
- Blue (84%)



- Red (81%)
- Yellow (87%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3346, 73.4637, 74.3547 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 65.3346, 73.4637, 74.3547 by changing the saturation by 10% instead.

65.3346, 73.4637,
74.3547

65.3346, 73.4637,
74.3547

433.5196,
472.6203, 494.8928

47.9982, 54.3552,
54.5859

111.5938,
124.1353, 127.1372

34.0367, 38.8857,
38.6739

141.2473,
156.4671, 160.9879

23.0848, 26.6708,
26.2002

175.7371,
193.9756, 200.3696

14.7772, 17.3262,
16.7464

215.4287,
237.0450, 245.7009

8.7484, 10.4673,
9.8938

260.6874,
286.0598, 297.4004

4.6333, 5.7099,
5.2239

311.8786,

2.0663, 2.6695,

341.4044, 355.8865

2.3182

369.3675,
403.4631, 421.5777

■ 0.6708, 0.9617,
0.7414

■ 0.0000, 0.0000,
0.0000

■ 65.3346, 73.4637,
74.3547

■ 65.3346, 73.4637,
74.3547

■ 57.6870, 69.7280,
64.7506

■ 74.0696, 77.7451,
84.8746

■ 51.0771, 66.5065,
56.0330

■ 83.9271, 82.5834,
96.3290

■ 45.4602, 63.7790,
48.1781

■ 87.0348, 83.9697,
106.2283

■ 40.7860, 61.5198,
41.1591

■ 36.9995, 59.7014,
34.9479

■ 34.0399, 58.2928,
29.5149

■ 31.8380, 57.2592,
24.8282

■ 30.3127, 56.5592,
20.8539

■ 29.3318, 56.1256,
17.5533

Harmonies

Analogous

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



66.8994, 73.4637, 68.9663



65.3346, 73.4637, 74.3547



64.9595, 73.4637, 81.5738

Triad

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



65.3346, 73.4637, 74.3547



70.3761, 73.4637, 95.1263



73.9442, 73.4637, 71.7882

Complementary

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



65.3346, 73.4637, 74.3547



66.9872, 65.8057, 76.8848

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.



74.9276, 73.4637, 78.4258



65.3346, 73.4637, 74.3547



72.8348, 73.4637, 92.1288

Square

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



65.3346, 73.4637, 74.3547



67.8288, 73.4637, 93.8691



74.5167, 73.4637, 85.9020



71.8601, 73.4637, 67.5503

Rectangle

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



65.3346, 73.4637, 74.3547



65.4262, 73.4637, 86.5197



74.5167, 73.4637, 85.9020



74.4168, 73.4637, 73.7964

Sweetspot

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



65.3367, 73.4668, 74.3563



91.5173, 98.2682, 104.6947



68.4929, 75.2091, 69.3003



19.3911, 20.9367, 22.1724



0.0000, 0.0000, 0.0000



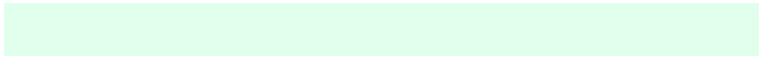
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3367, 73.4668, 74.3563



81.6961, 93.4599, 92.7297



66.7492, 74.0318, 81.7946



14.4048, 16.1754, 16.3965



16.9713, 32.4206, 10.3491



1.2975, 2.4131, 0.9932

Inverse Universe

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



66.9872, 65.8057, 76.8848



84.3134, 81.3106, 96.7387



65.6143, 65.2566, 69.6554



14.7611, 14.5216, 16.9423



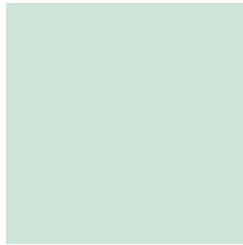
21.4896, 10.7301, 16.7392



1.6322, 0.8106, 1.4698

Previews

White Background



This preview shows how the XYZ color 65.3346, 73.4637, 74.3547 looks on a white background.

Color Contrast Check

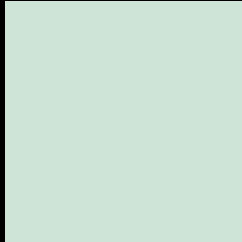
Large Text (above 18pt) WCAG AA × Fail

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 65.3346, 73.4637, 74.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

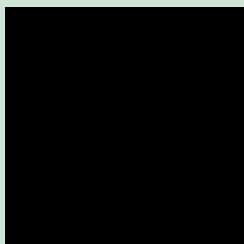
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

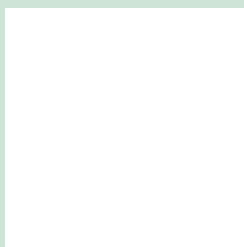
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3346, 73.4637, 74.3547

Background



This preview shows how black text looks on a background with the XYZ color 65.3346, 73.4637, 74.3547.

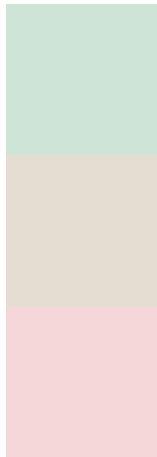


This preview shows how white text looks on a background with the XYZ color 65.3346, 73.4637,

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

65.3346, 73.4637, 74.3547

Protanopia

69.8024, 73.0241, 71.3888

Deuteranopia

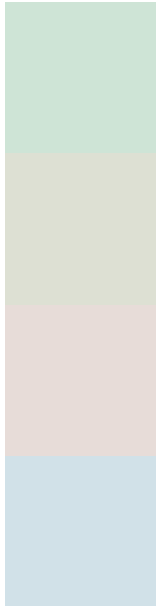
74.8309, 73.2035, 75.8313



Tritanopia

69.5466, 73.5710, 94.5395

Trichromacy



Original Color

65.3346, 73.4637, 74.3547

Protanomaly

68.2323, 73.3866, 72.1968

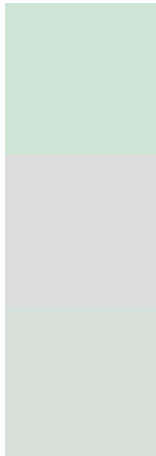
Deuteranomaly

70.9429, 73.1332, 75.3428

Tritanomaly

67.7852, 73.2319, 86.9064

Monochromacy



Original Color

65.3346, 73.4637, 74.3547

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0669, 72.2844, 76.7471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3346, 73.4637, 74.3547 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(206, 228, 214) looks like.

```
.text, #text, p{  
    color:rgb(206, 228, 214)  
}
```

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(206, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 228, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.3346, 73.4637, 74.3547 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(206, 228, 214) }
```


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

```
.border{ border-color:rgb(206, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 228,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3346, 73.4637, 74.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 228, 214) }
```

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

```
.background{ background-color: rgb(206,  
228, 214) }
```

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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